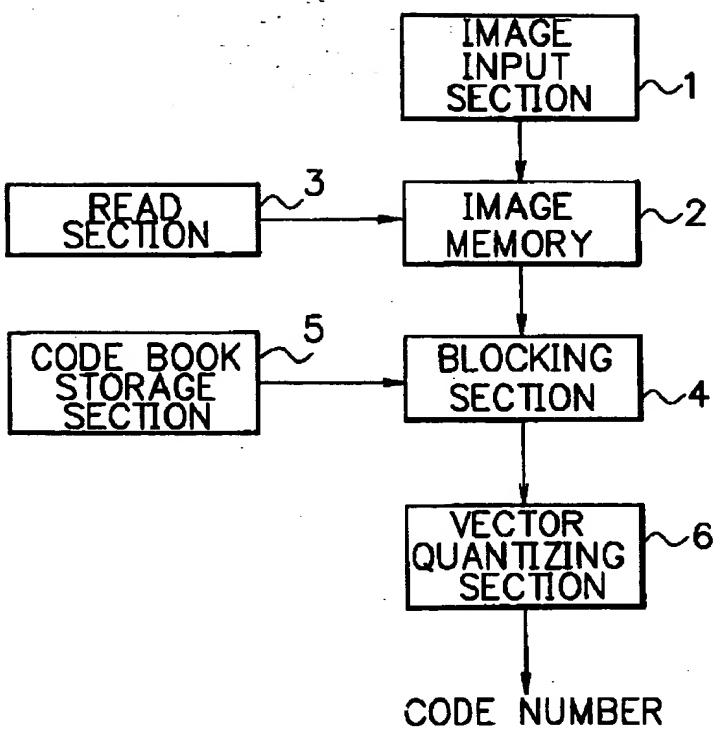
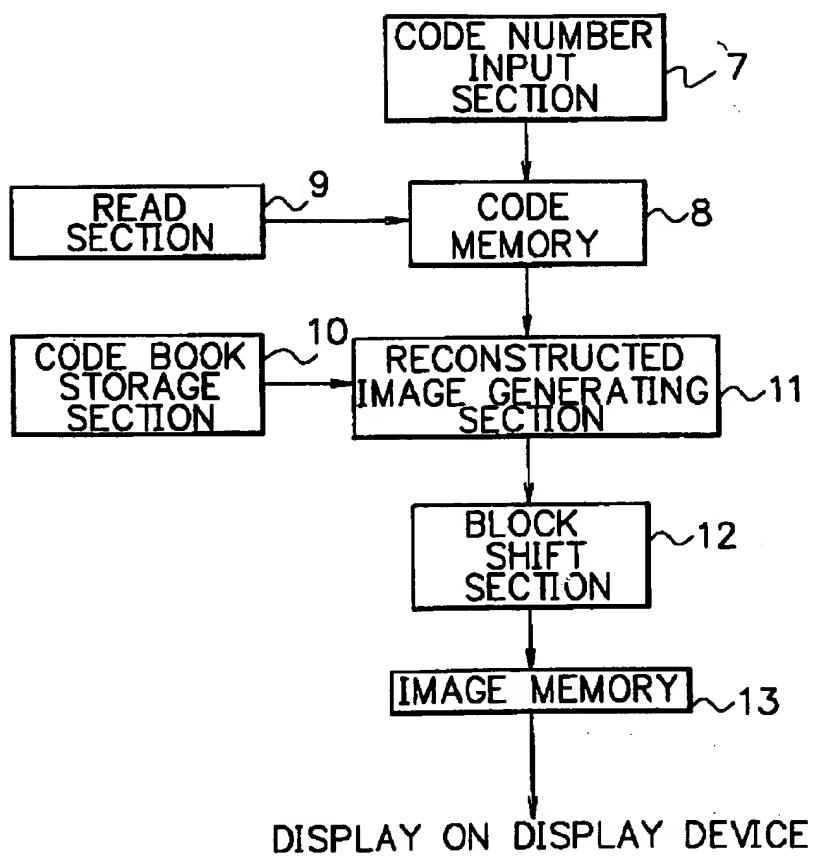


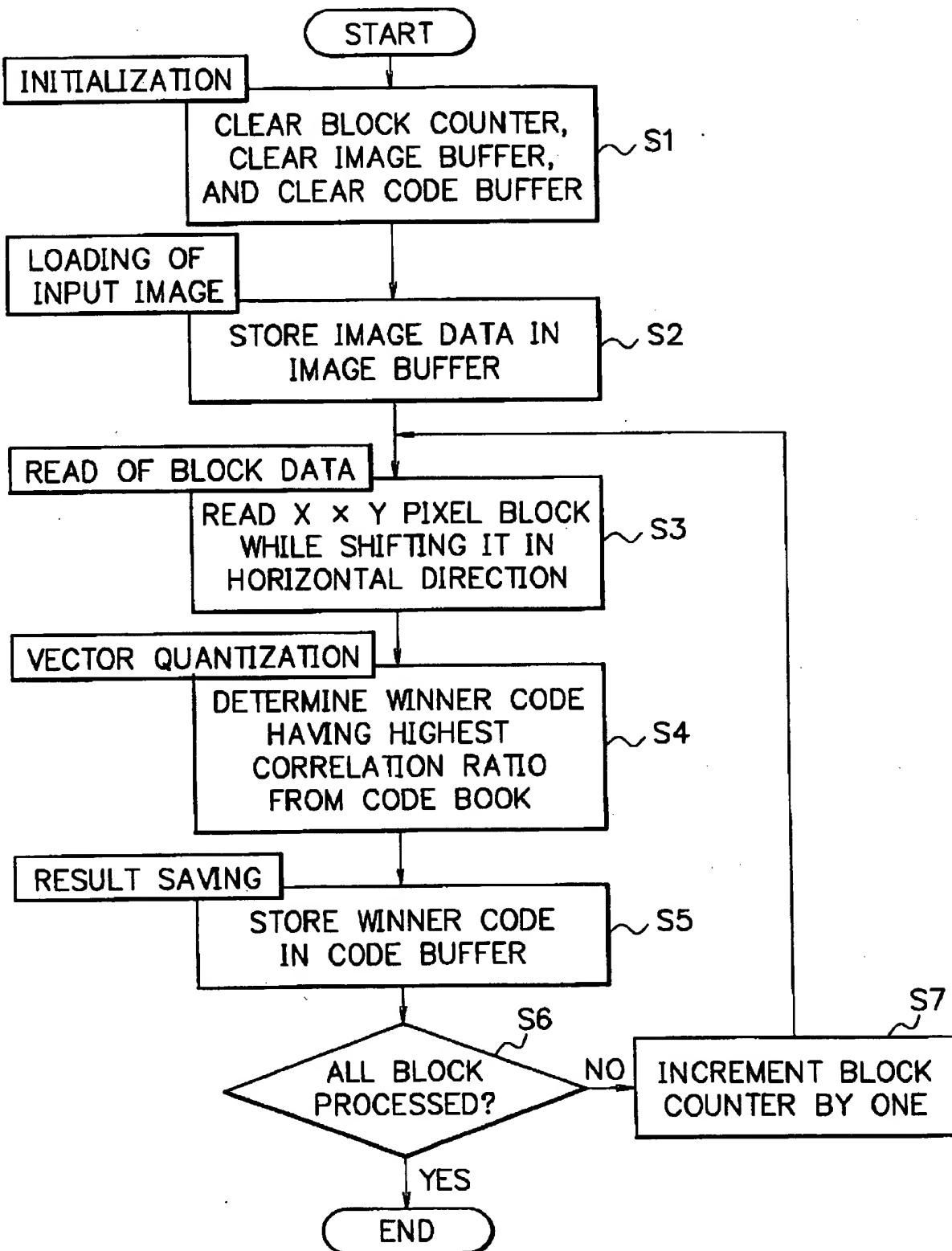
F I G. 1



F I G. 2

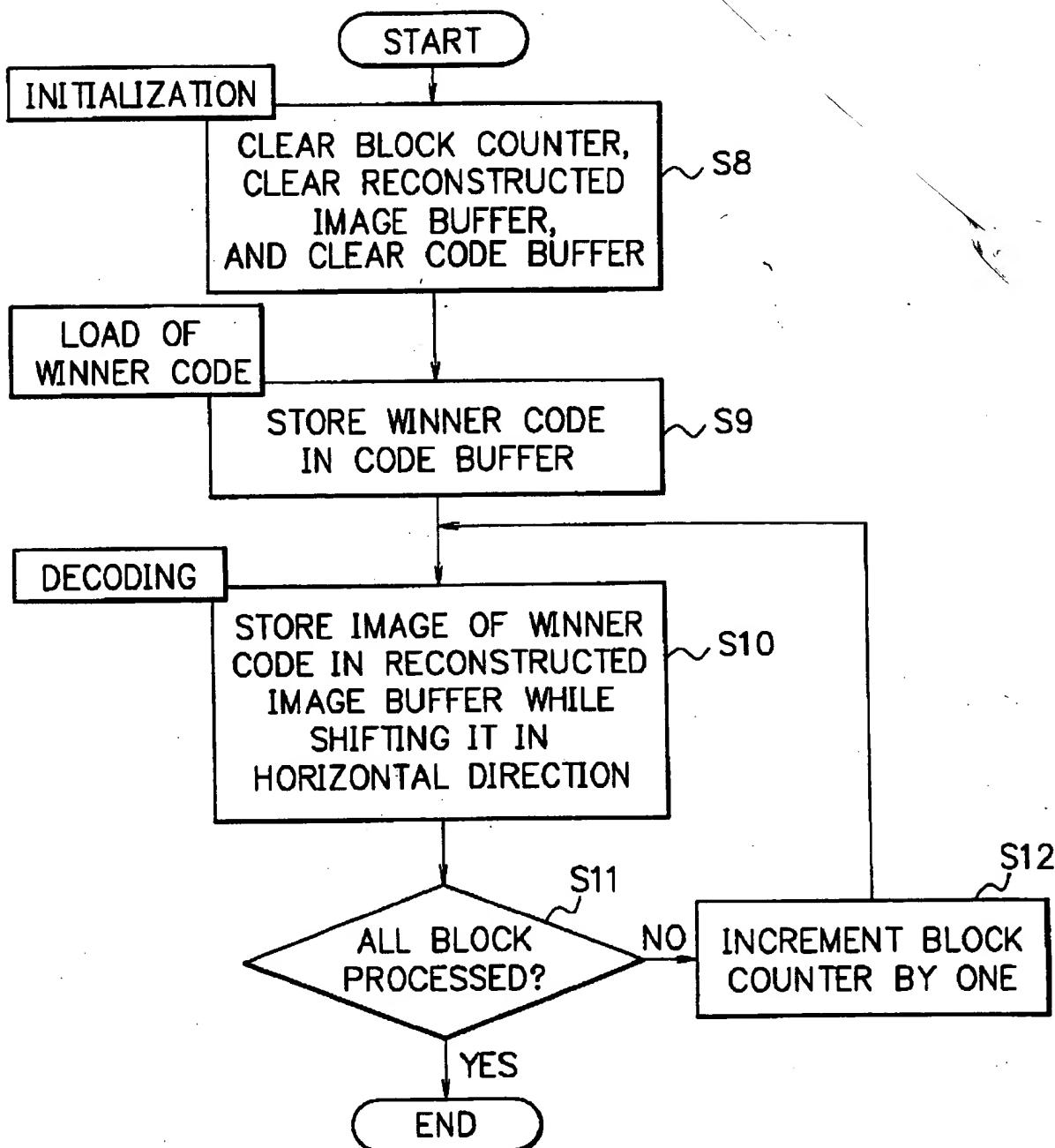


F I G. 3



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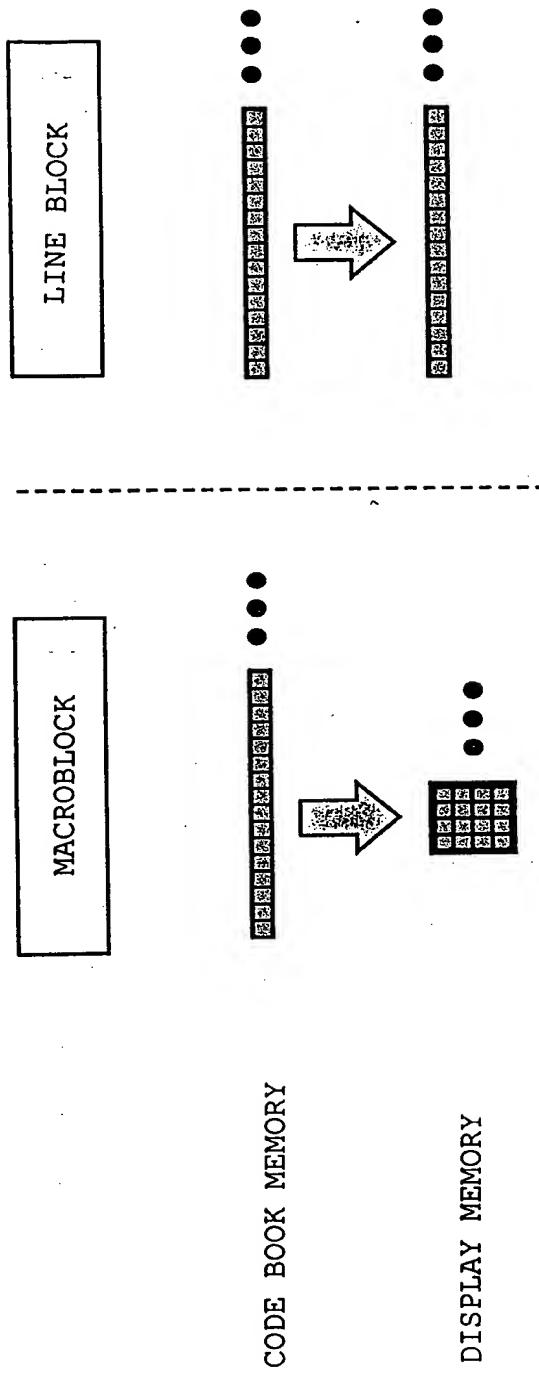
FIG.



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09/673503

F I G. 5



UNNECESSARY

NECESSARY

ADDRESS CONVERSION

(a) (b)

09/673503

FIG. 6

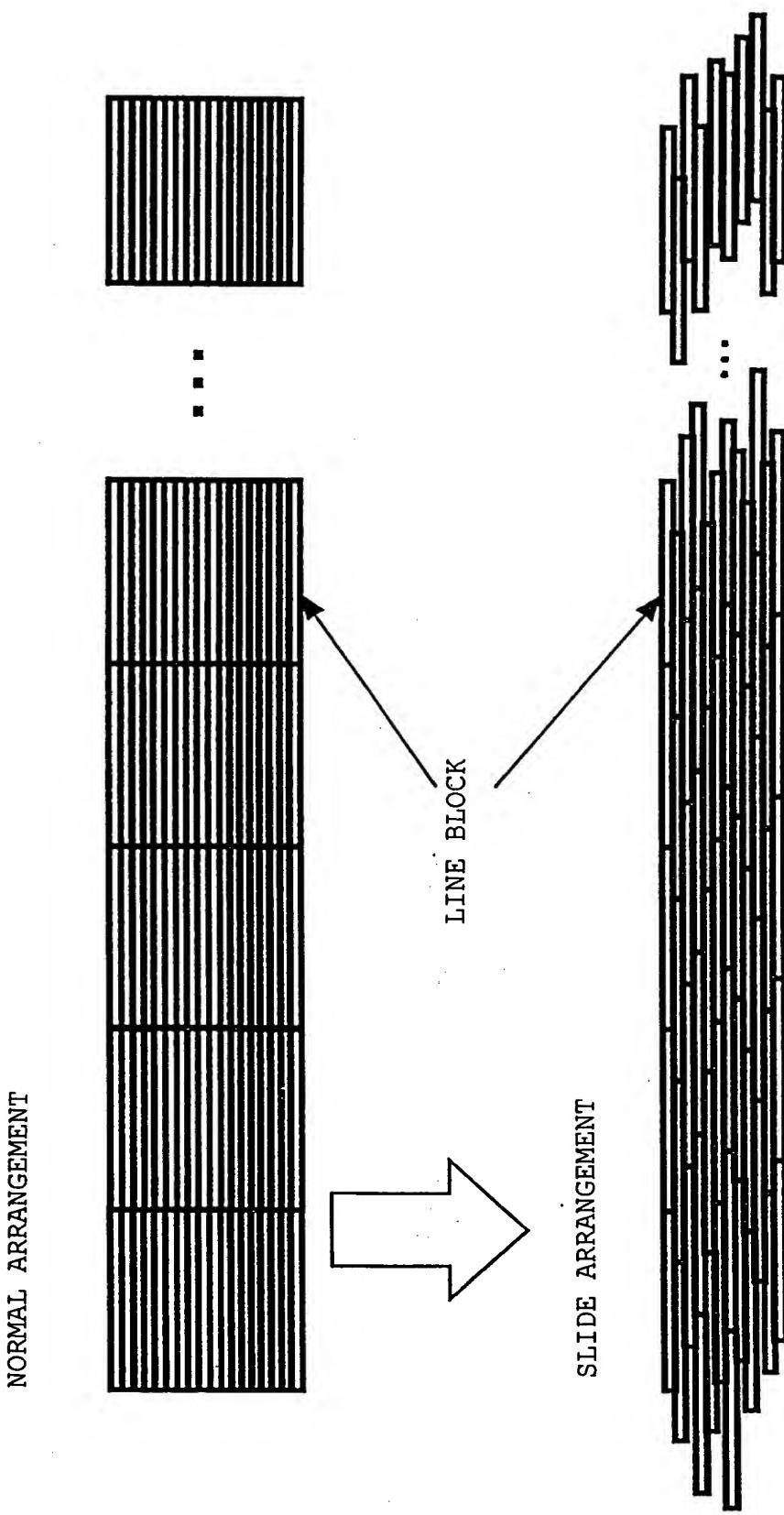
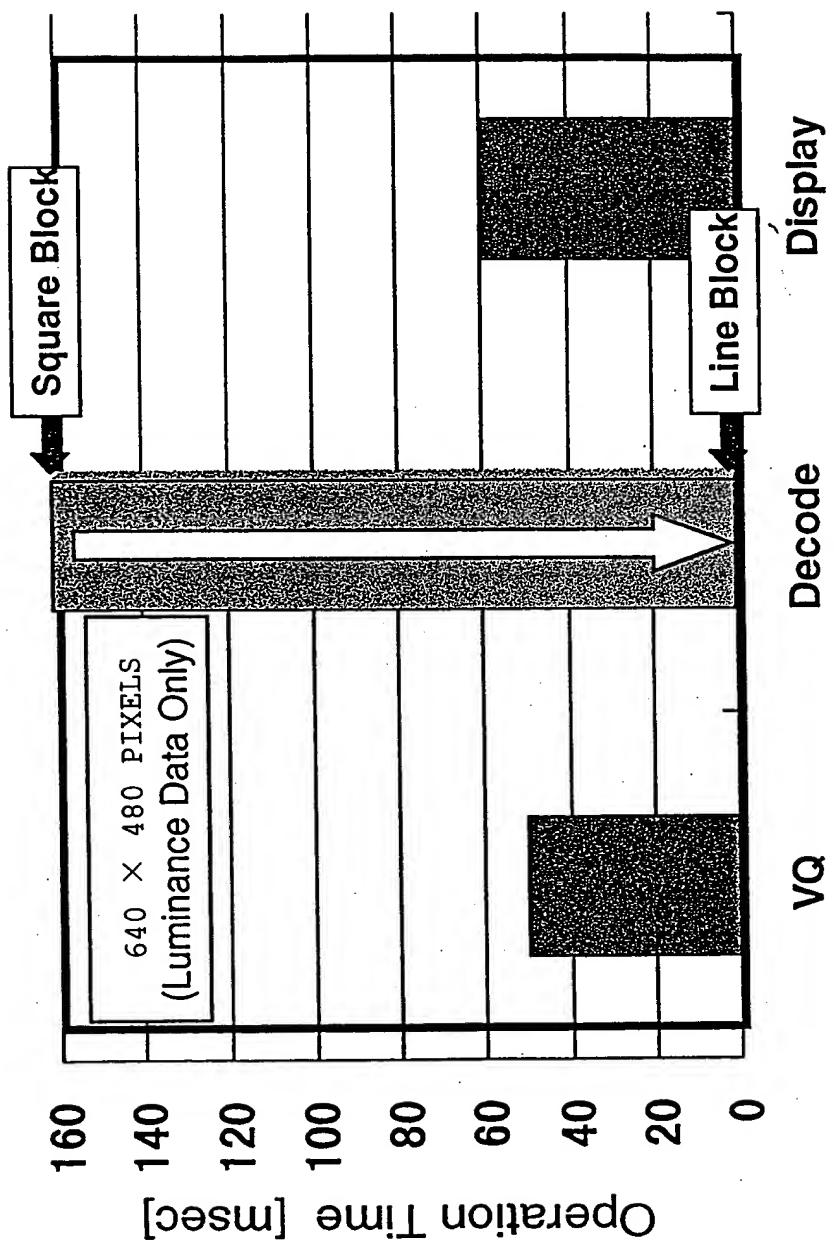
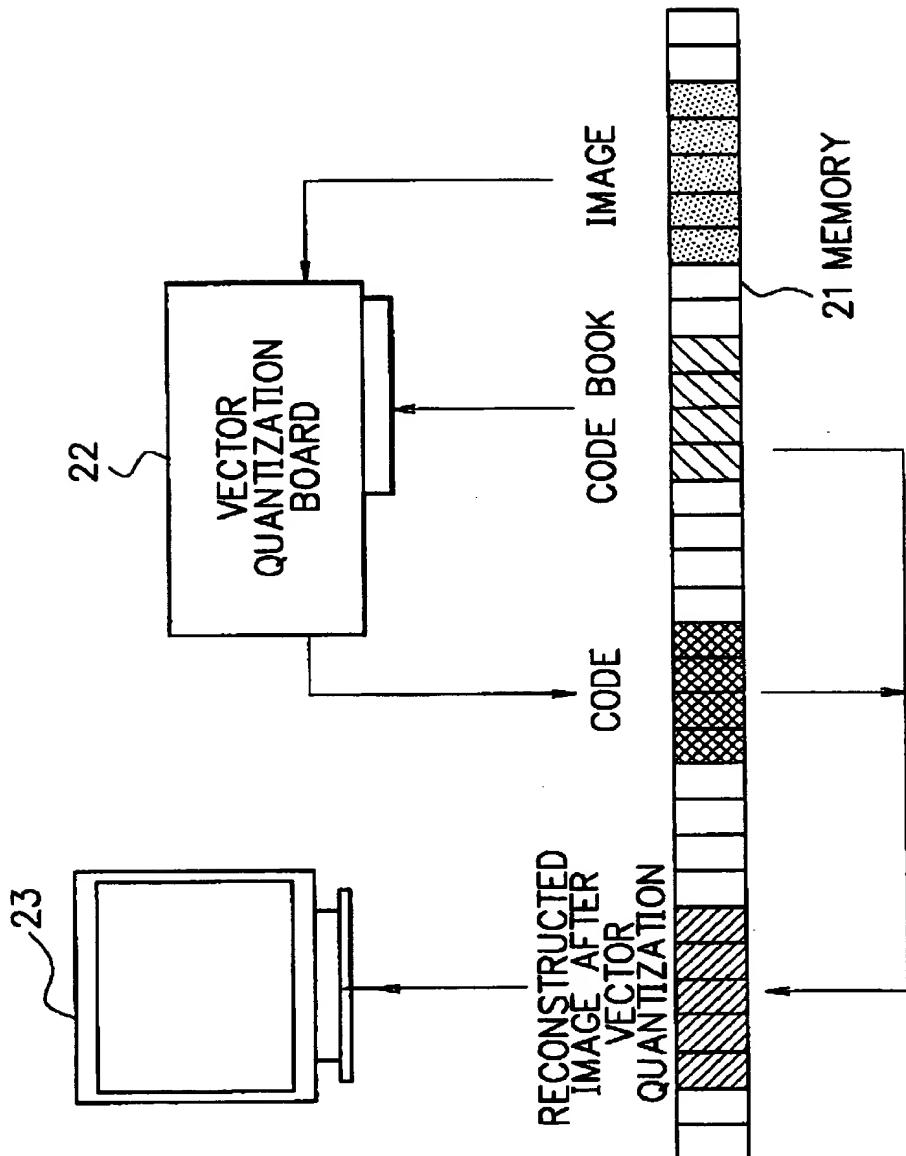


FIG. 7



F I G. 8



F I G. 9

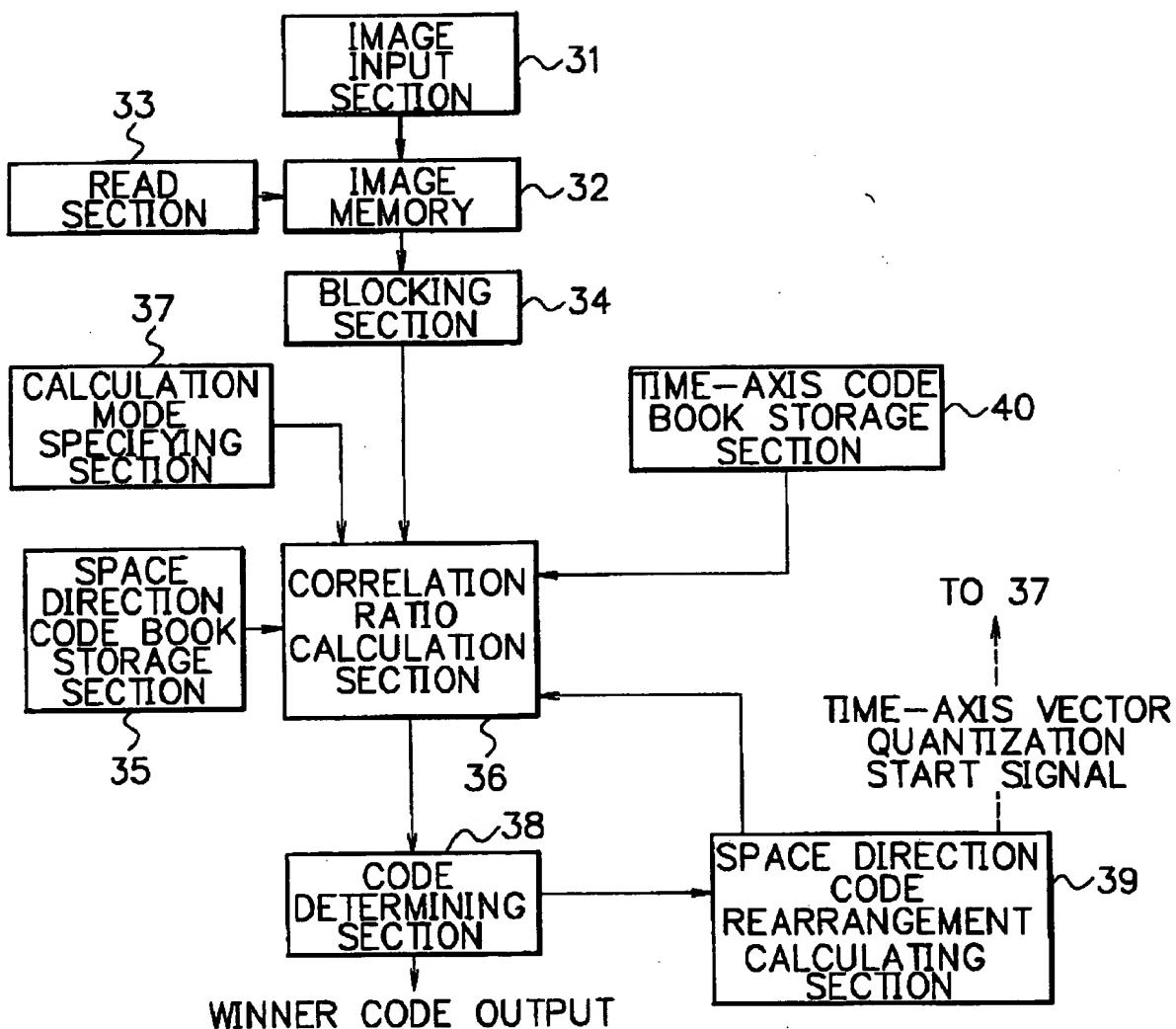


FIG. 10

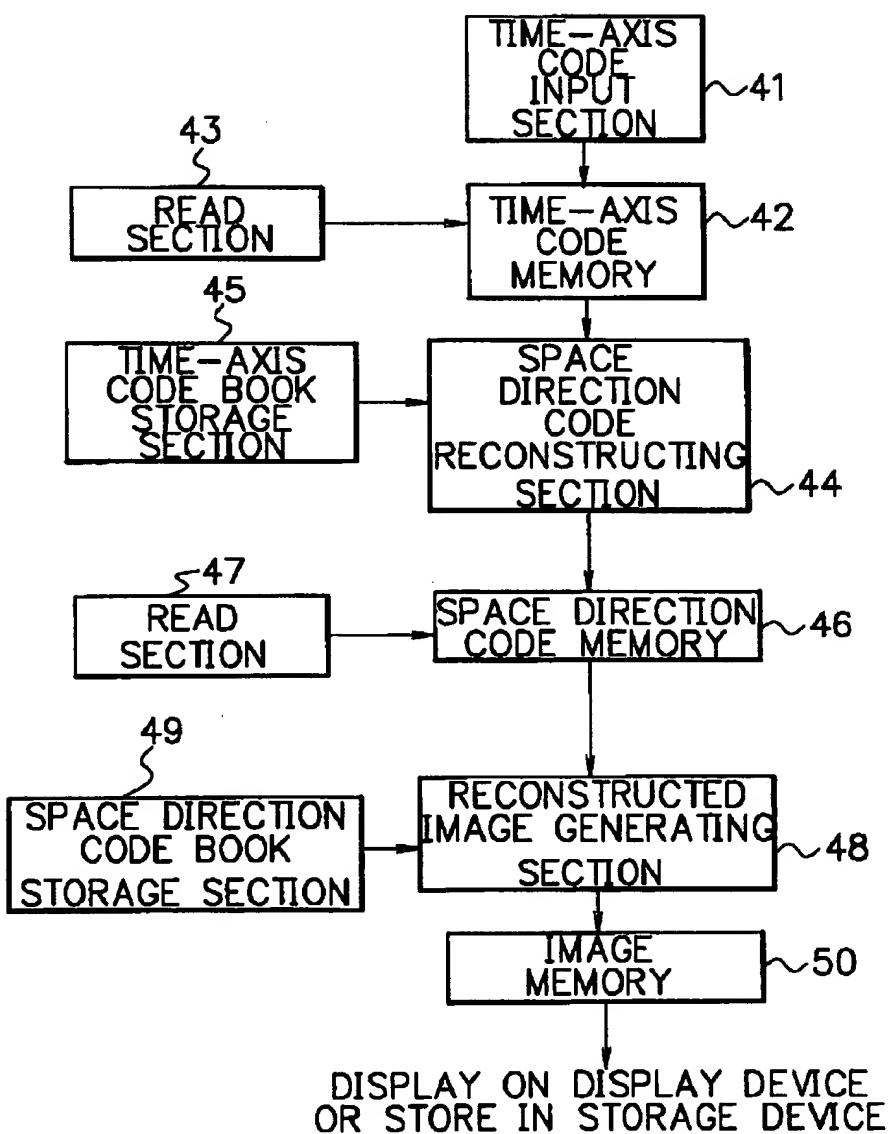


FIG. 11

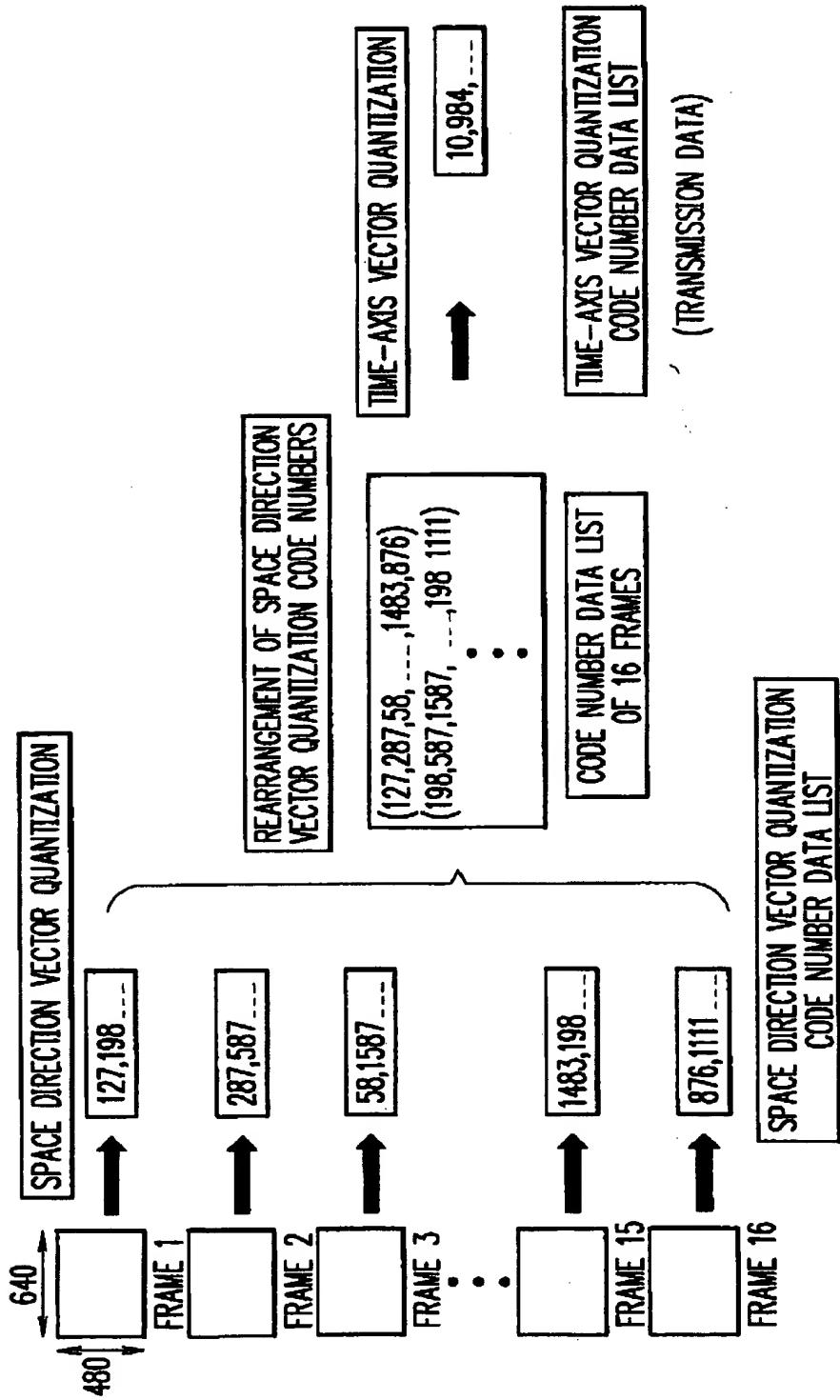


FIG. 12

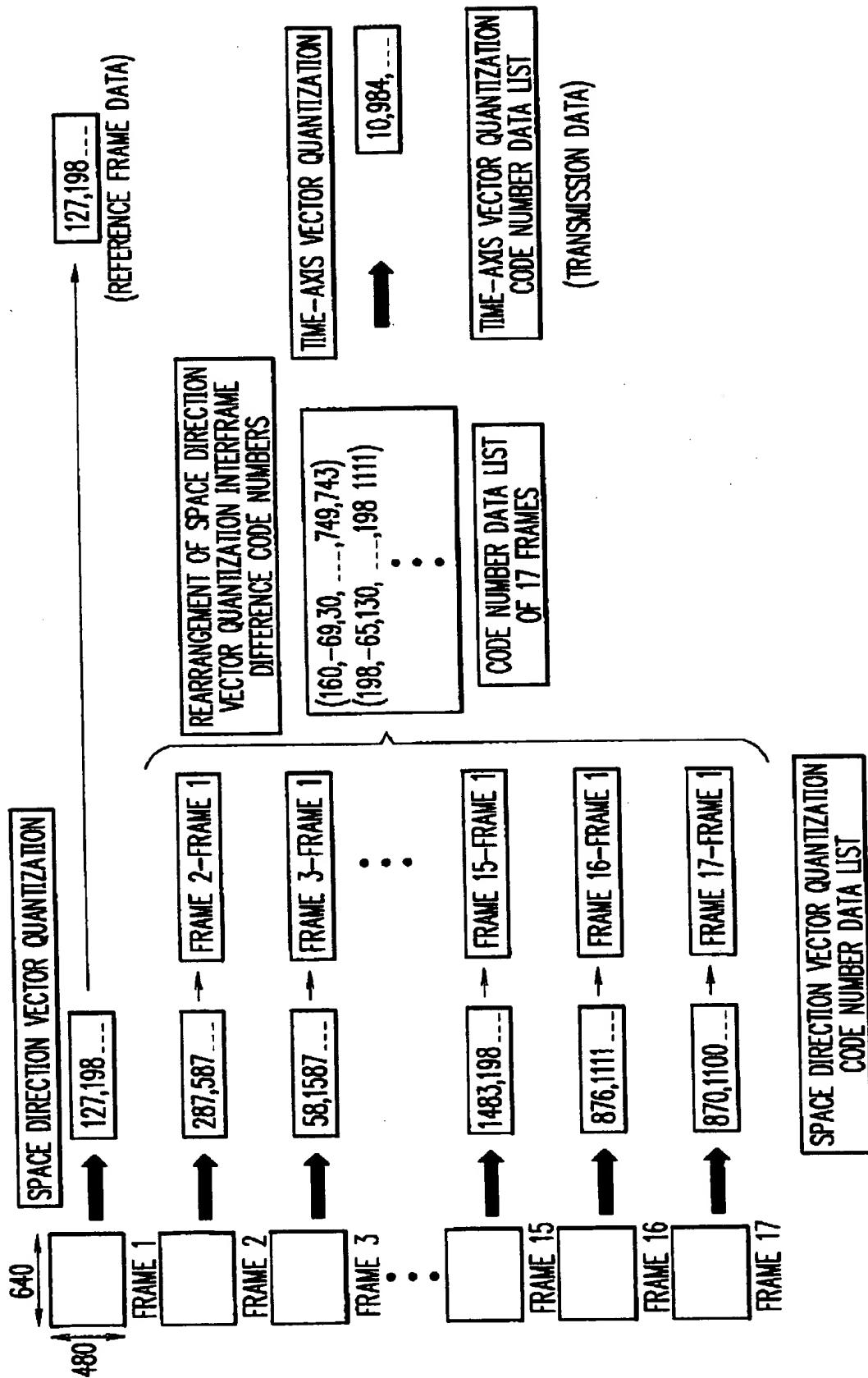
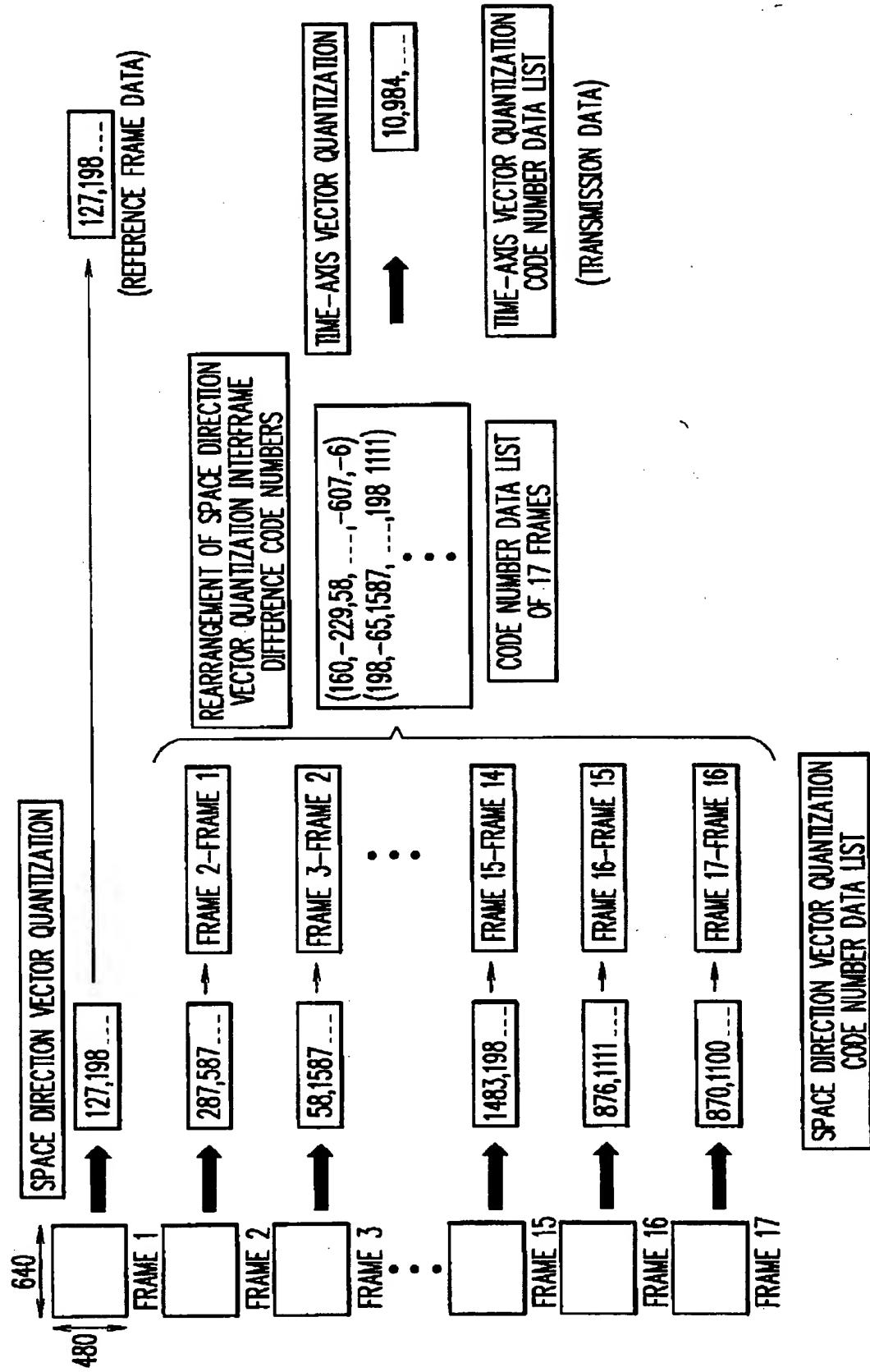


FIG. 13



F I G. 14

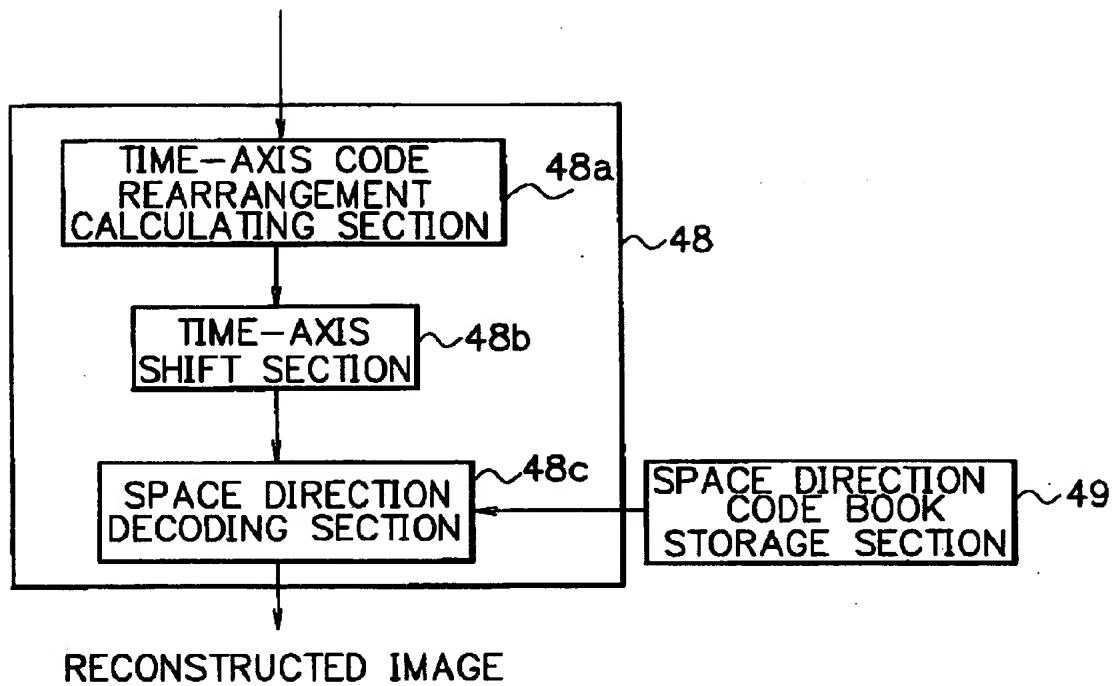
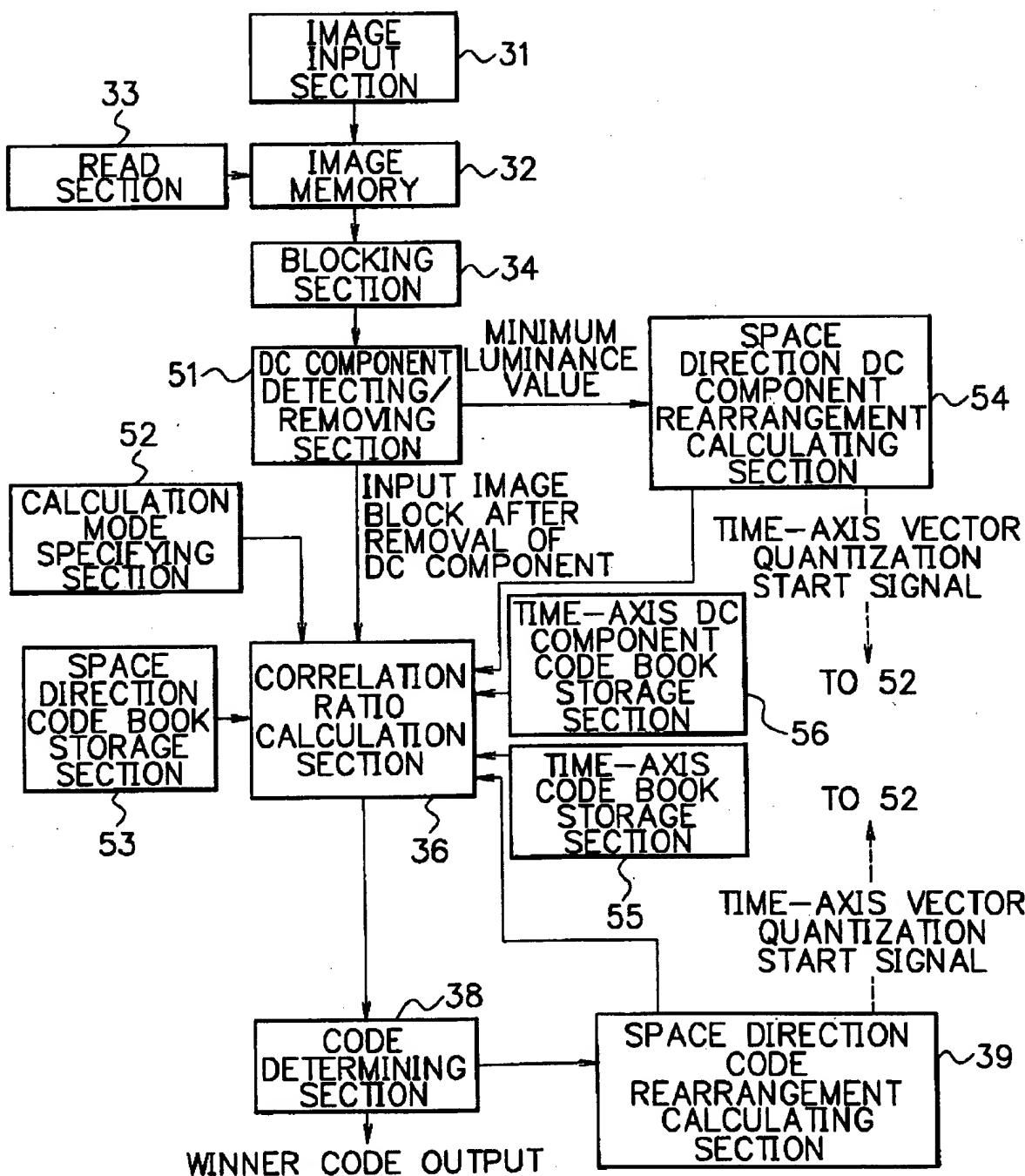


FIG. 15



F 1 G. 16

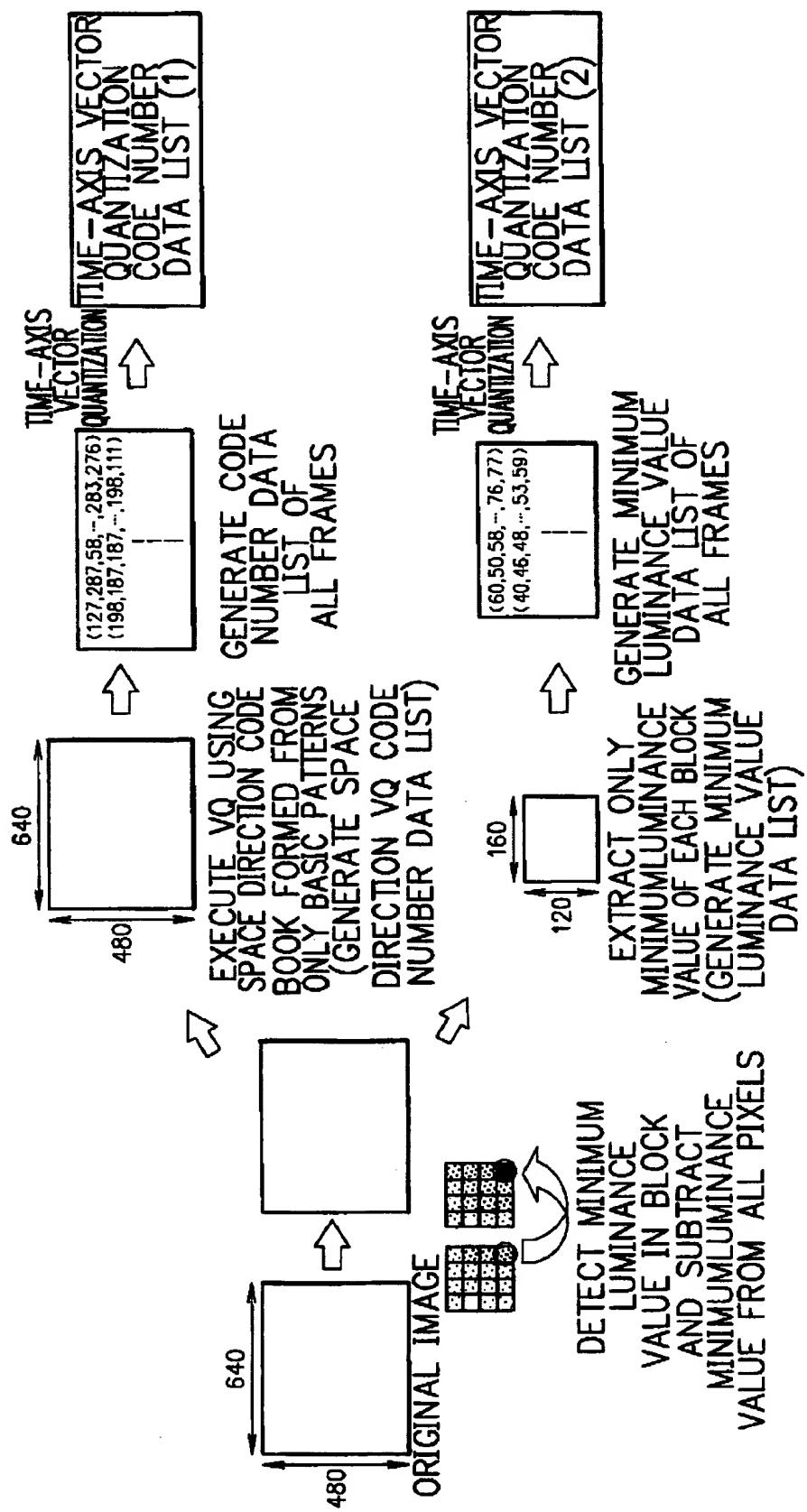
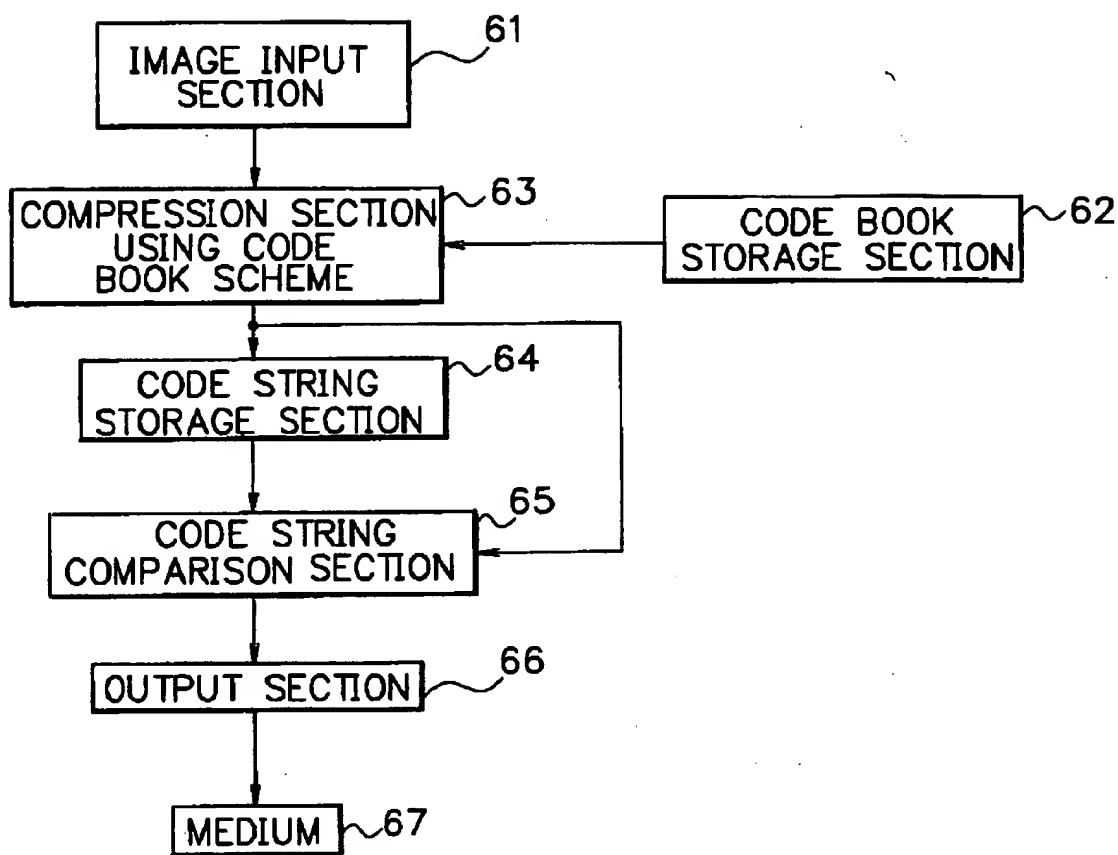


FIG. 17



F I G. 18

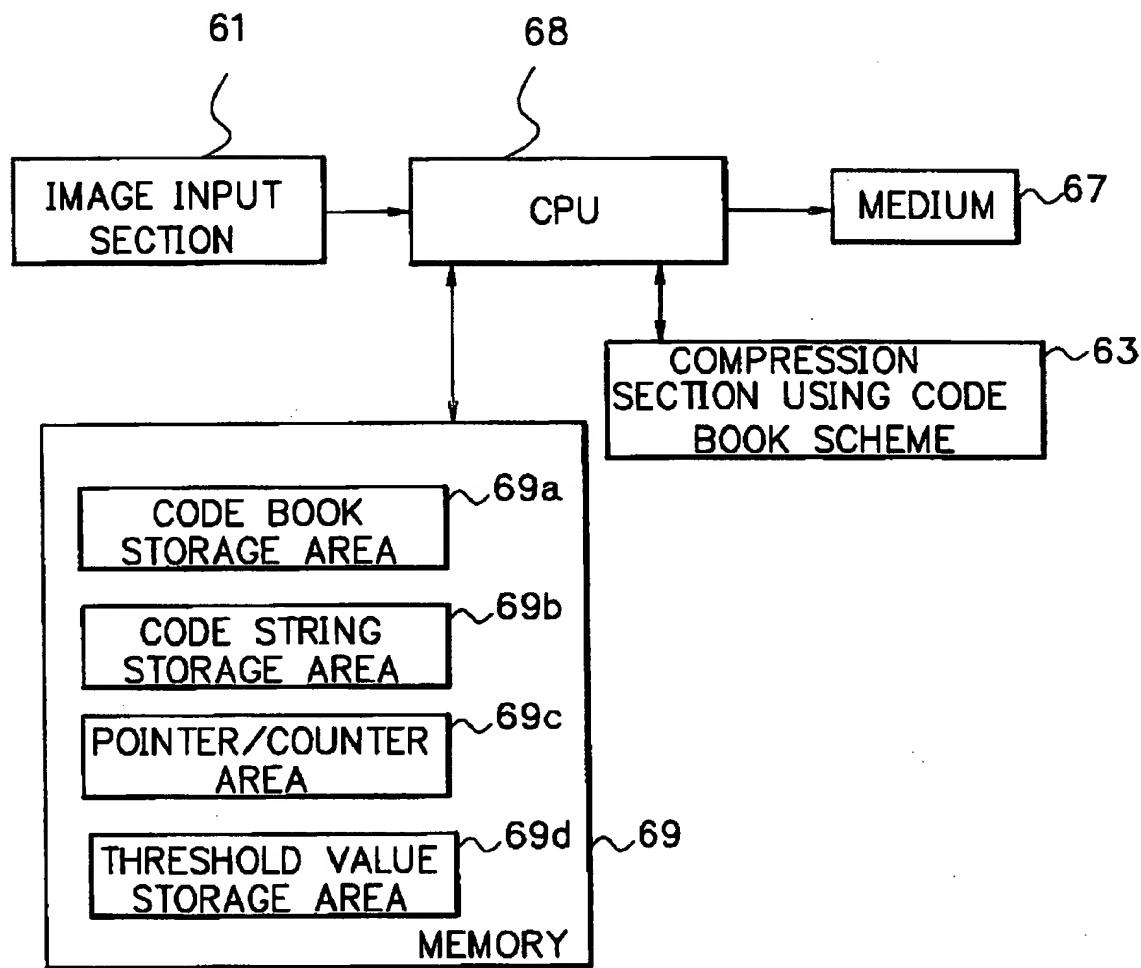


FIG. 19

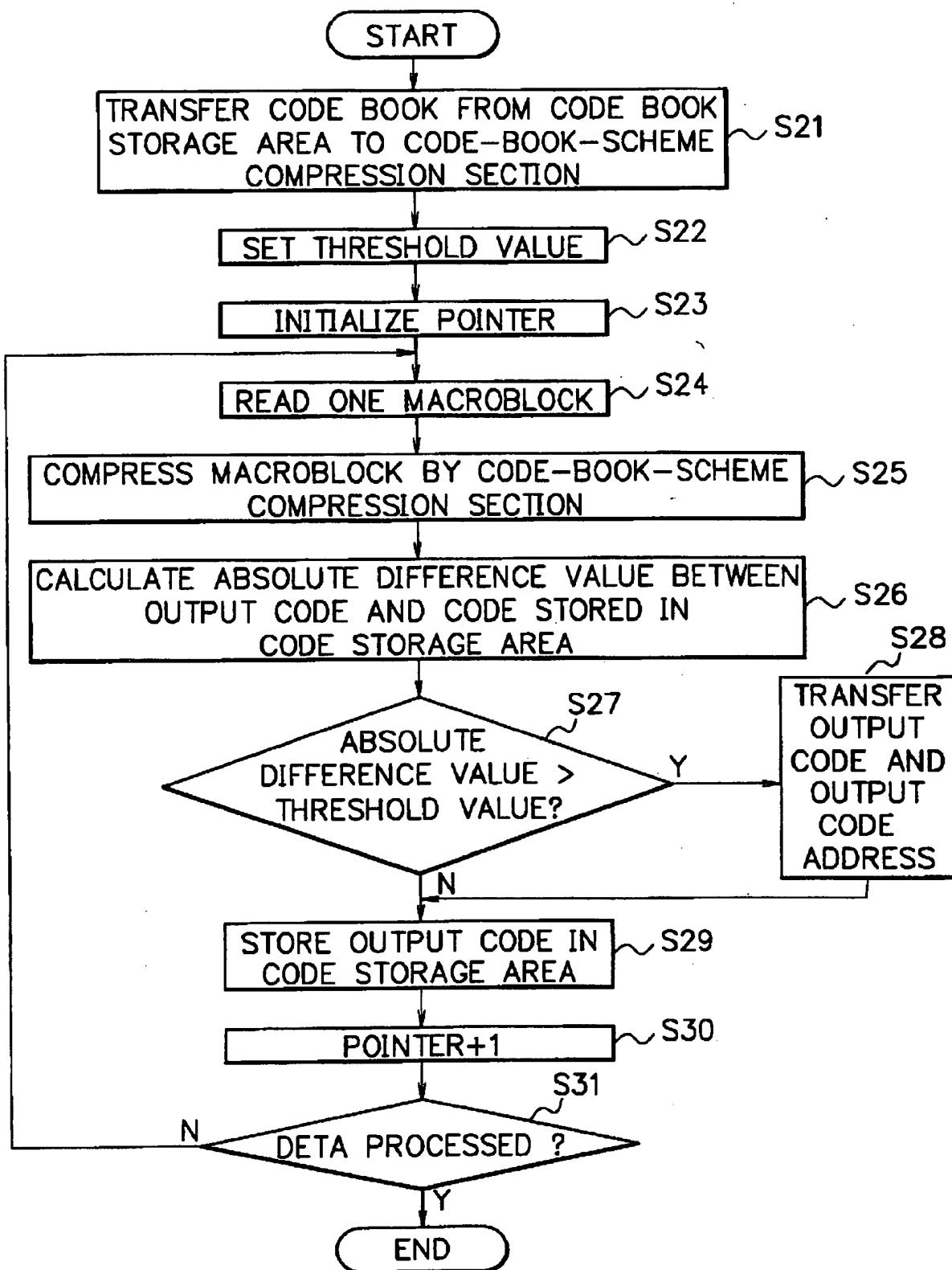
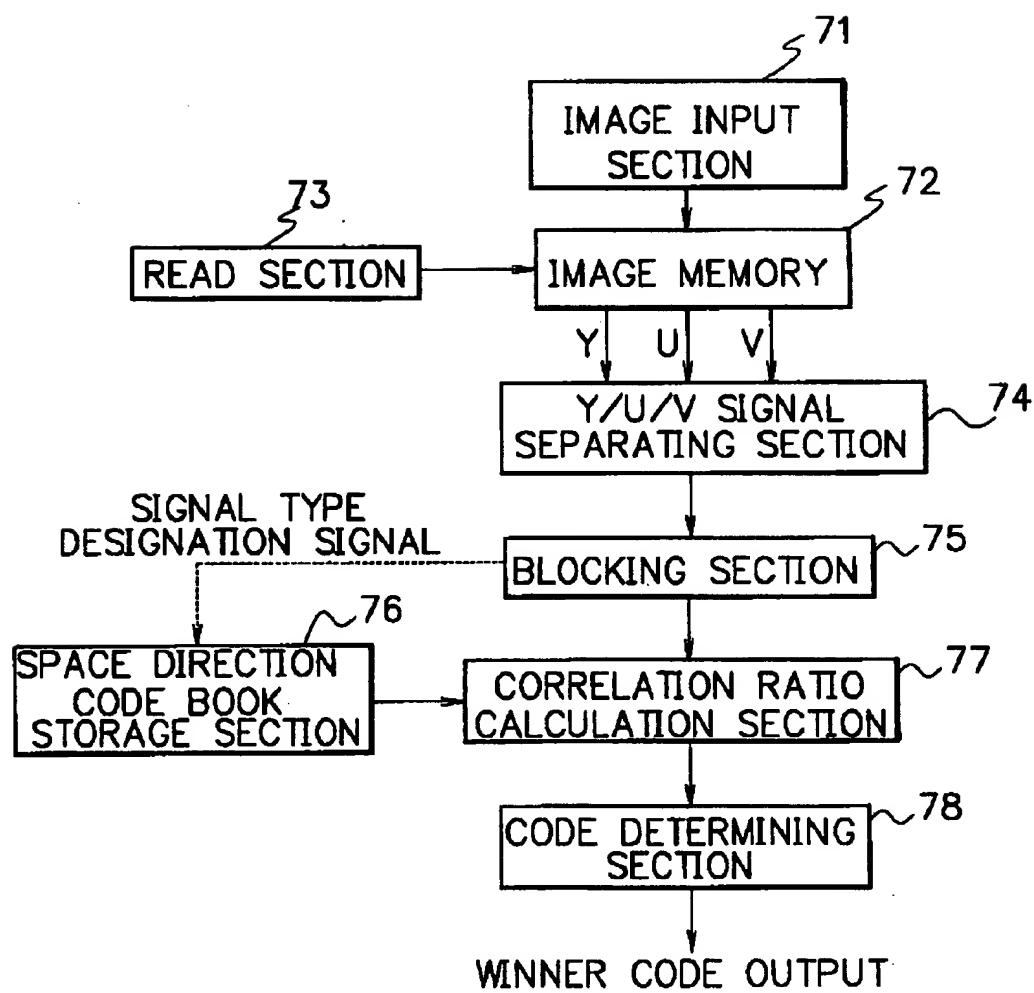


FIG. 20



F I G. 21

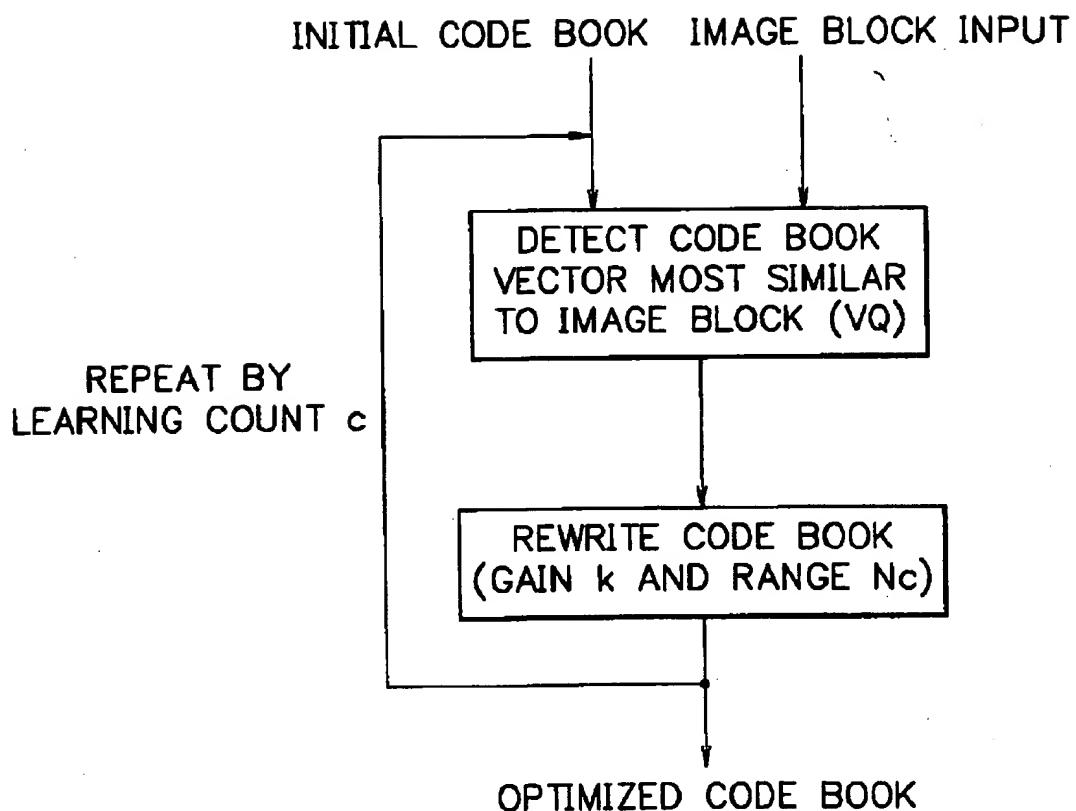


FIG. 22

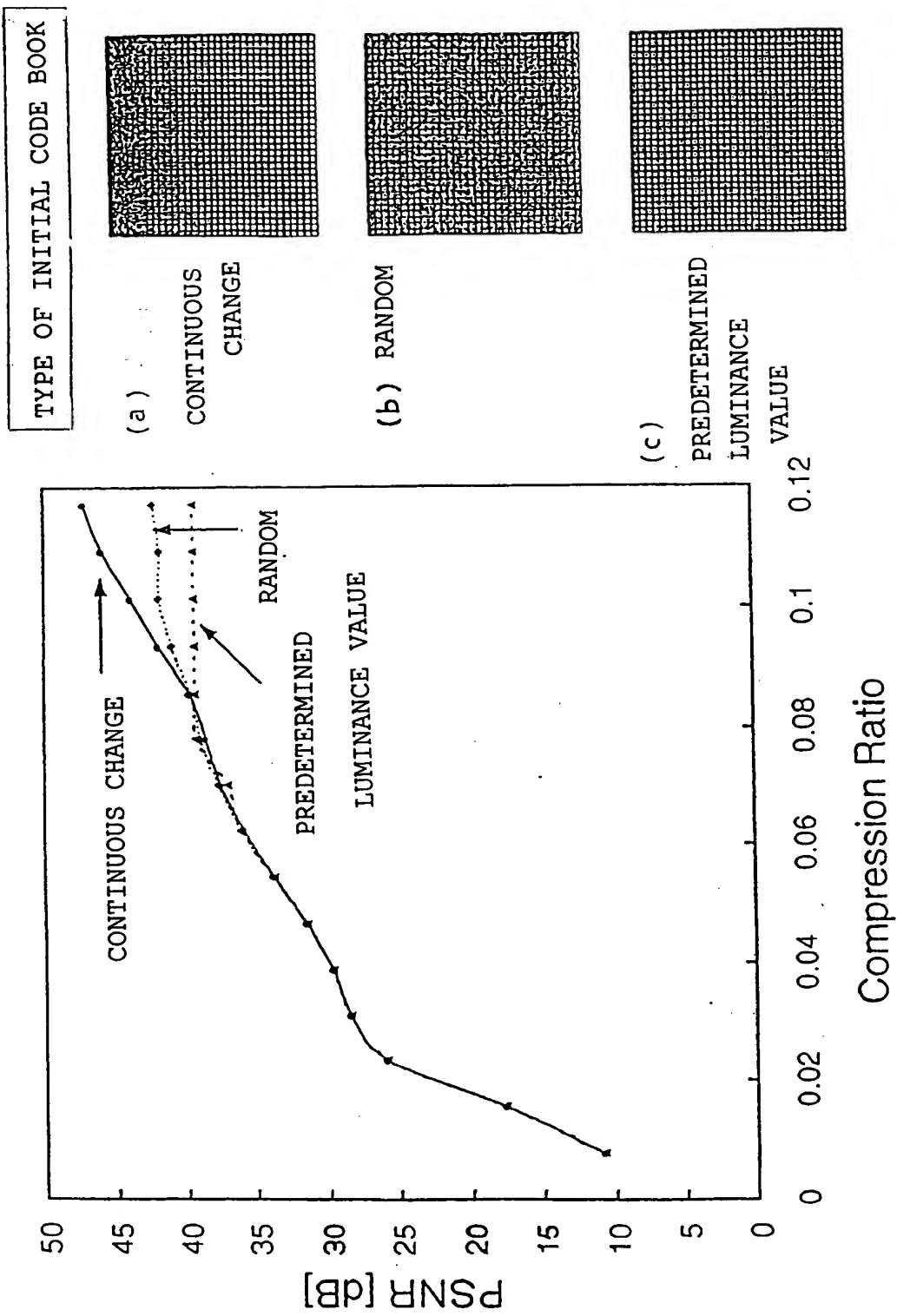
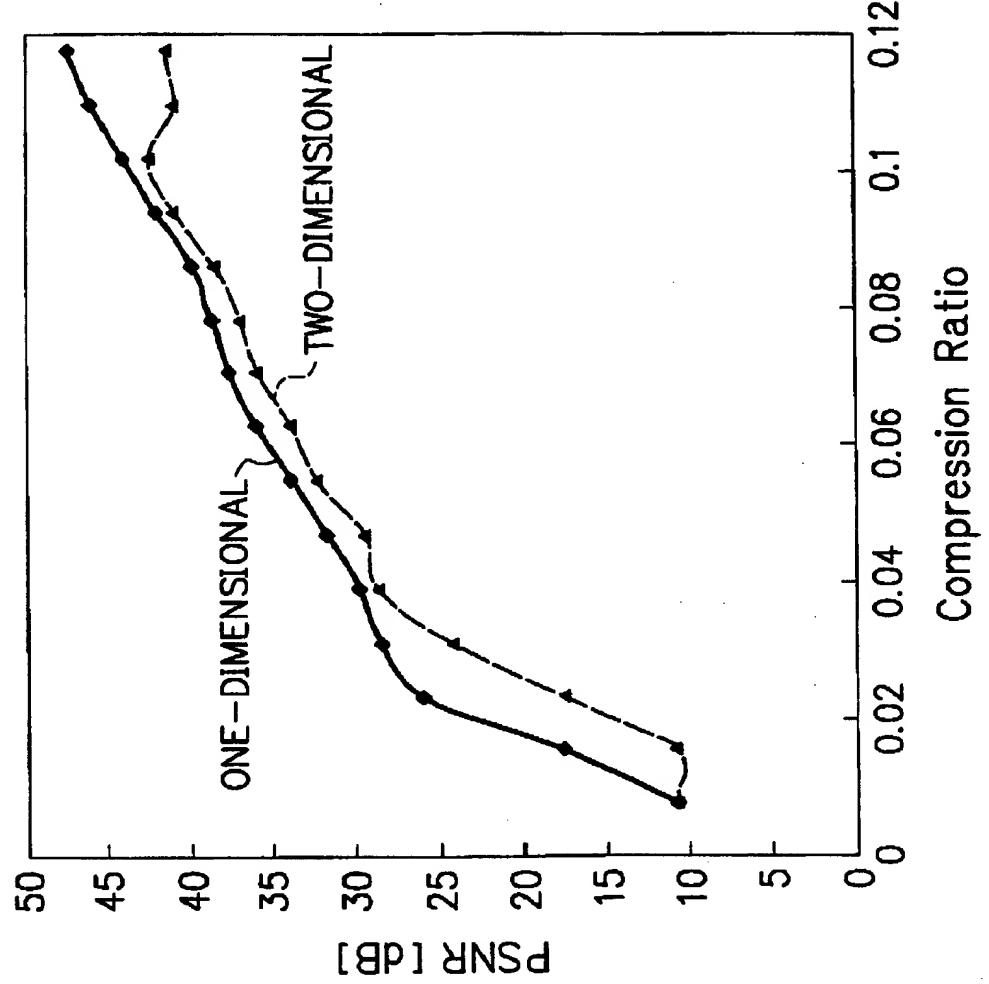


FIG. 23

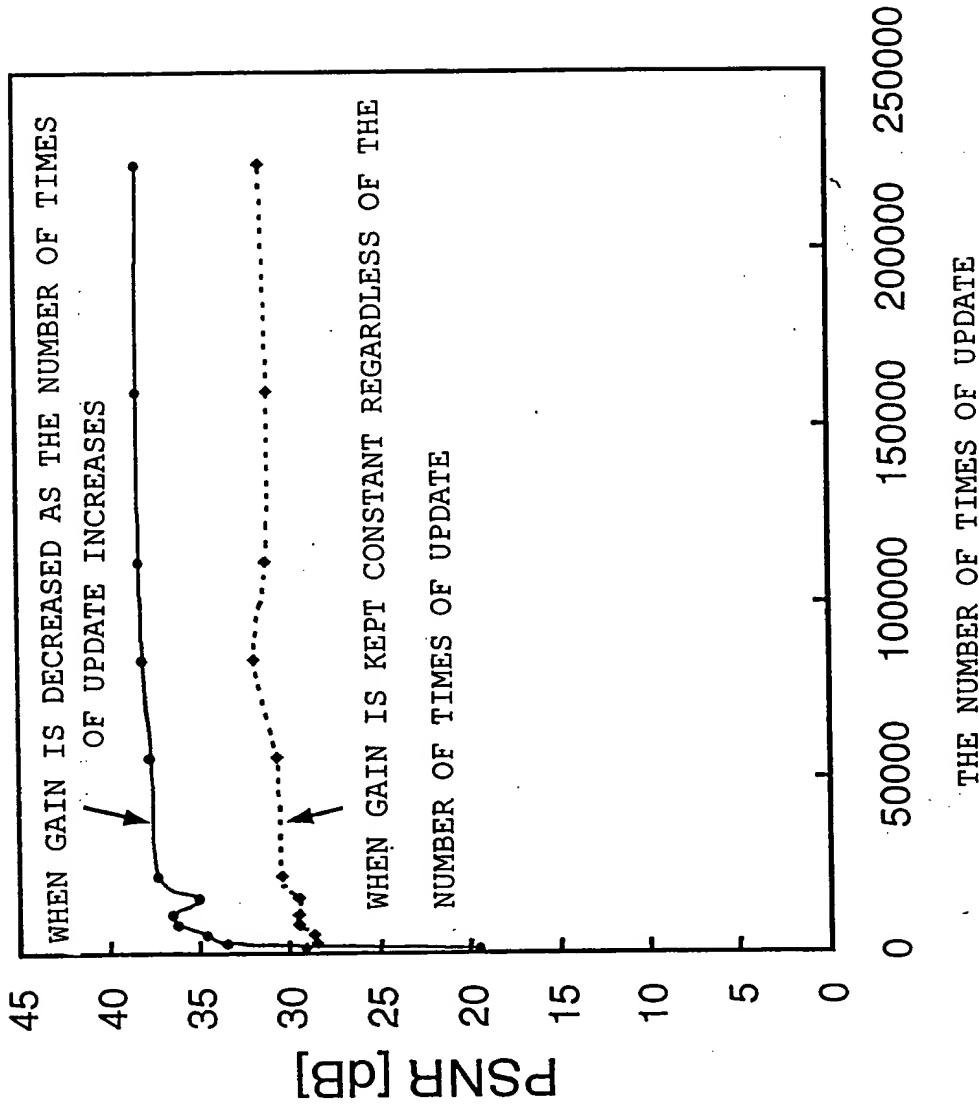
REWRITE RANGE



METHOD OF
ONE-DIMENSIONALLY
APPLYING RANGE
AND REDUCING IT AS
THE NUMBER OF TIMES
OF UPDATE INCREASES
(a)

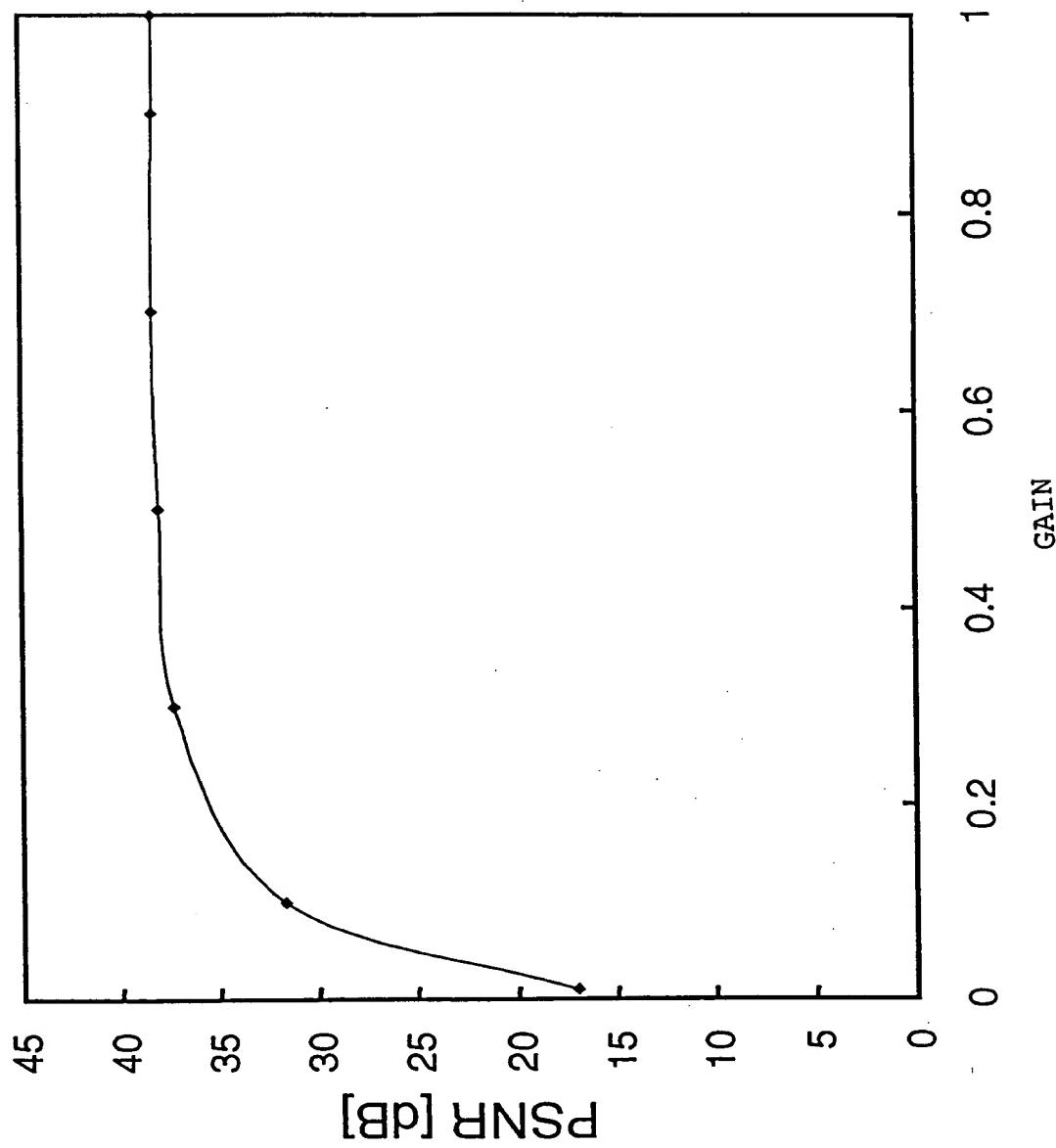
A METHOD OF
TWO-DIMENSIONALLY
APPLYING RANGE
AND REDUCING IT AS
THE NUMBER OF TIMES
OF UPDATE INCREASES
(b)

FIG. 24



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F I G. 25

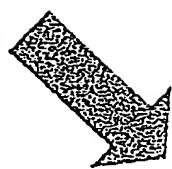
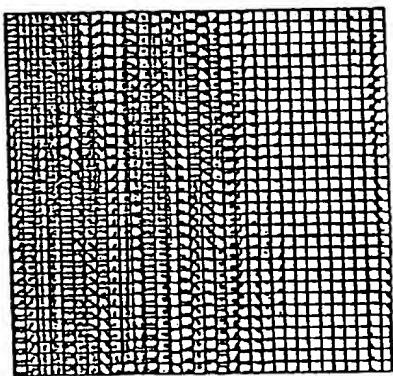


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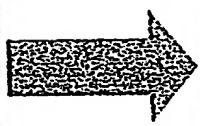
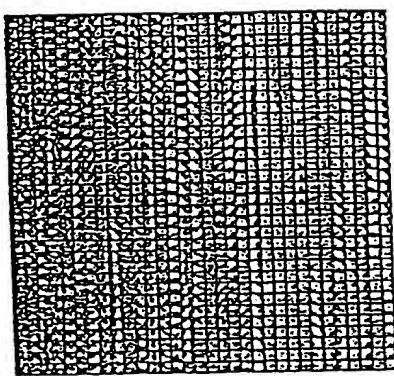
FIG. 26

CONFIDENTIAL - EDITION 2000

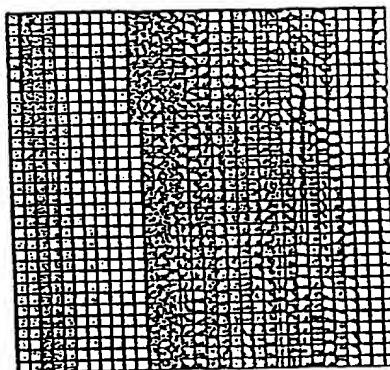
C



B



A+B+C



A

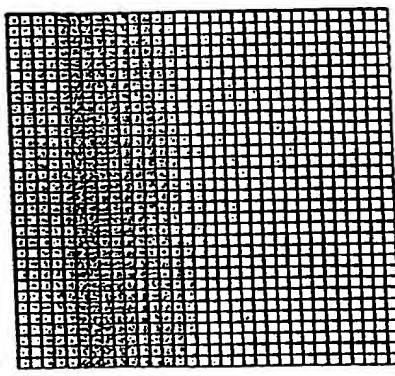


FIG. 27

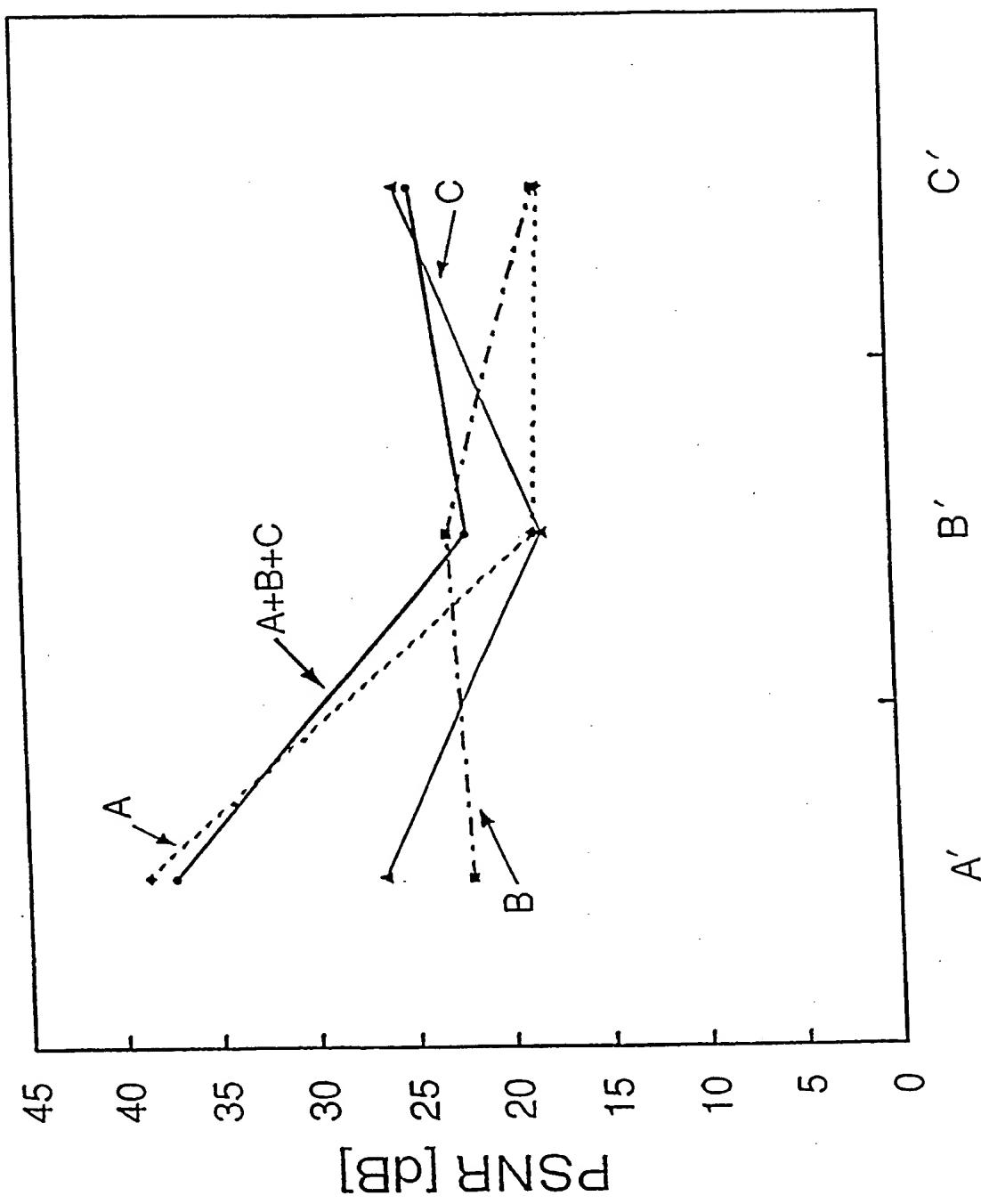


FIG. 28

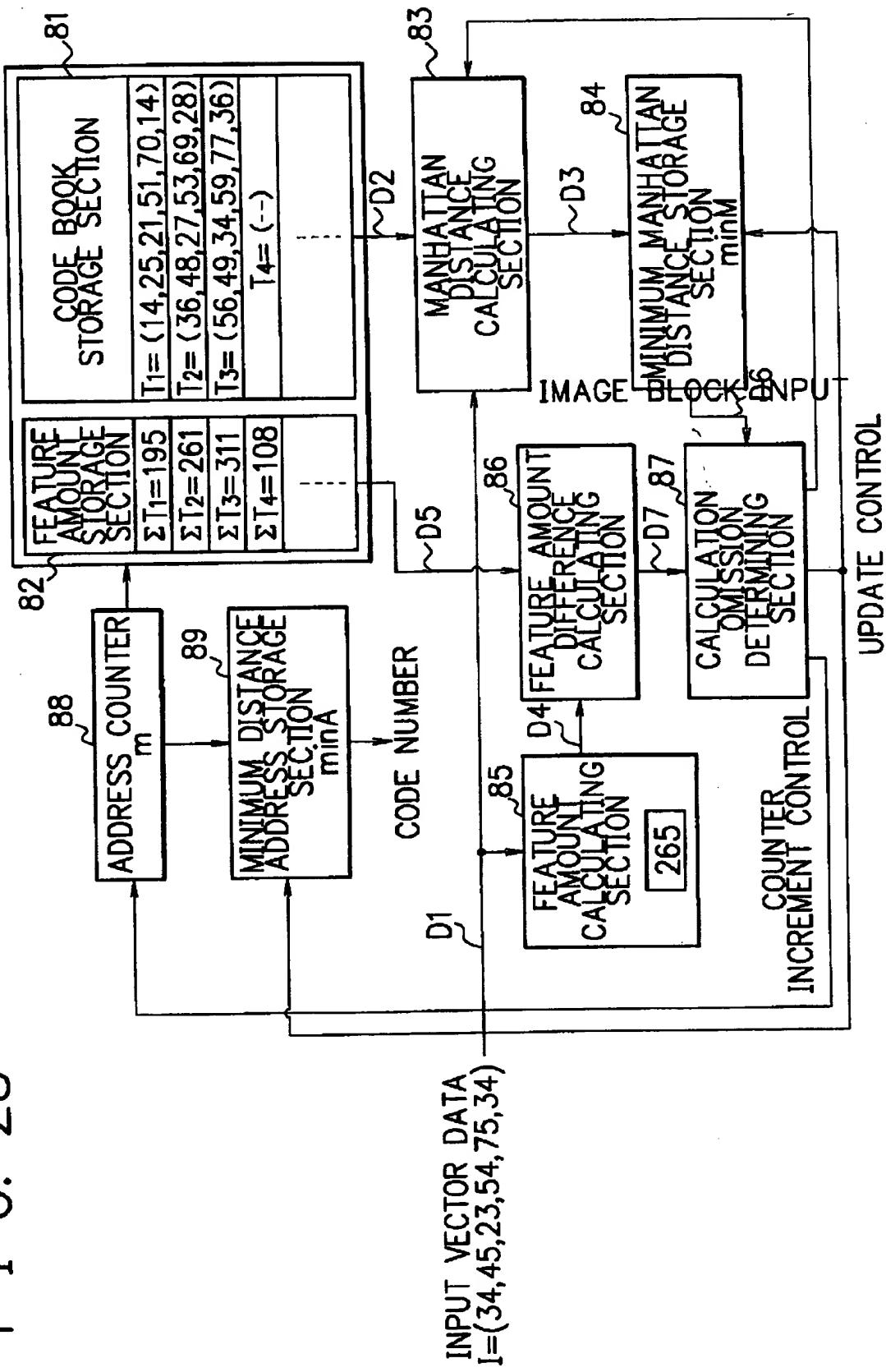


FIG. 29

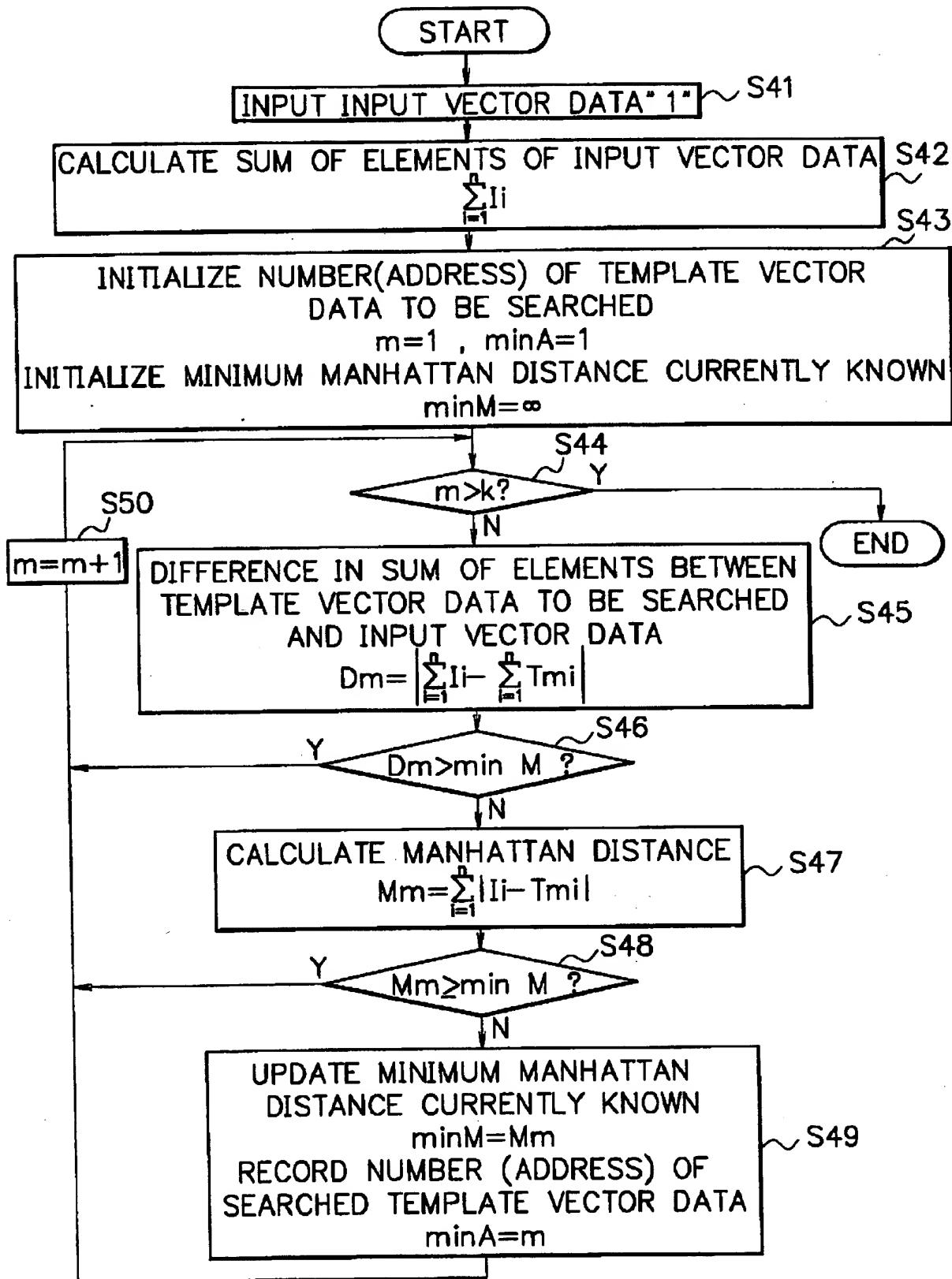


FIG. 30

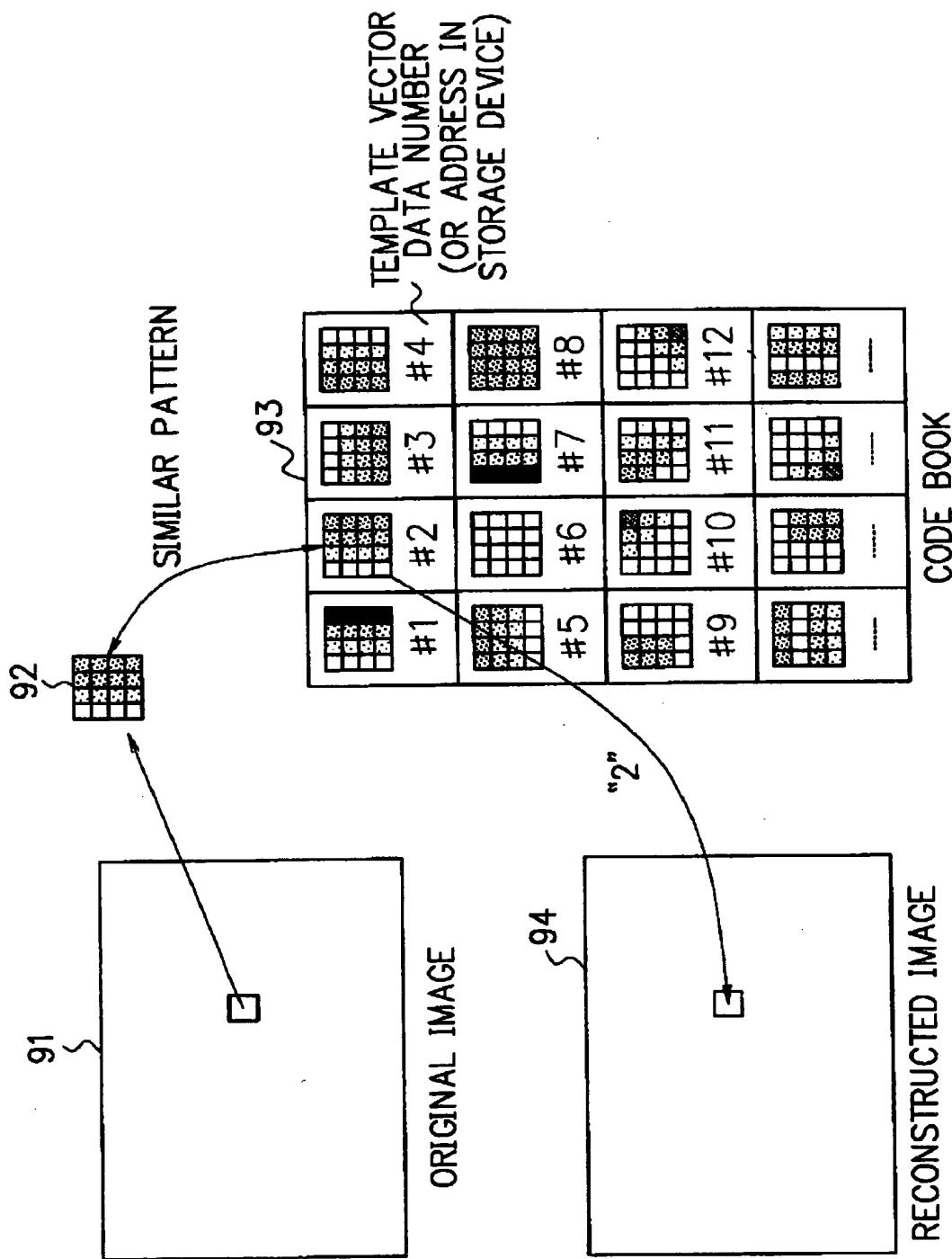
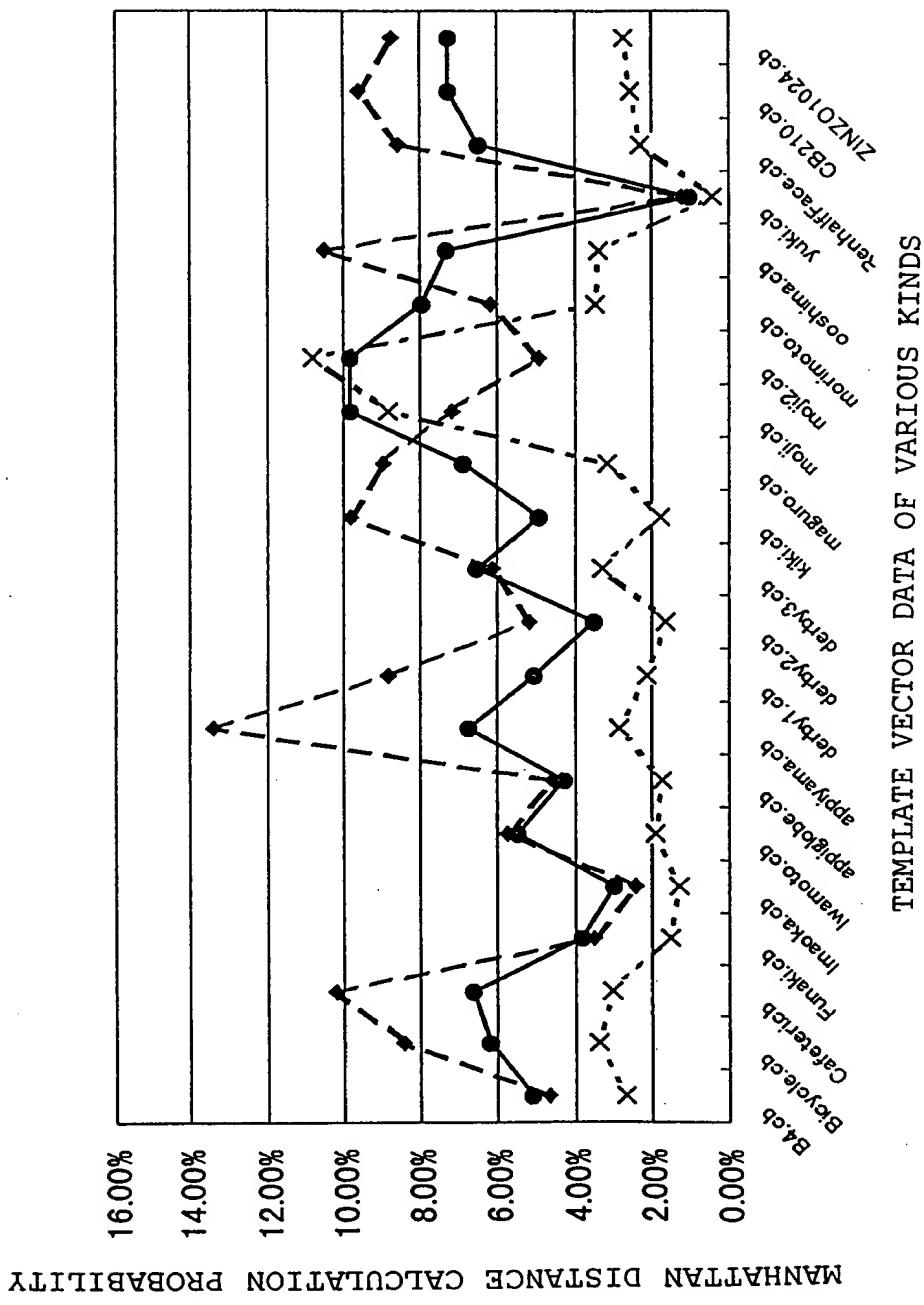


FIG. 31



F I G. 32

IMAGE BLOCK CORRESPONDING TO INPUT VECTOR

DATA

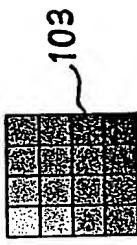
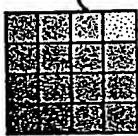
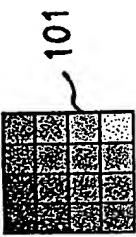


IMAGE BLOCK CORRESPONDING TO TEMPLATE VECTOR

DATA

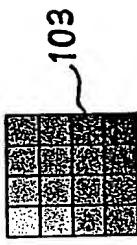
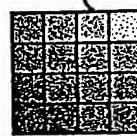
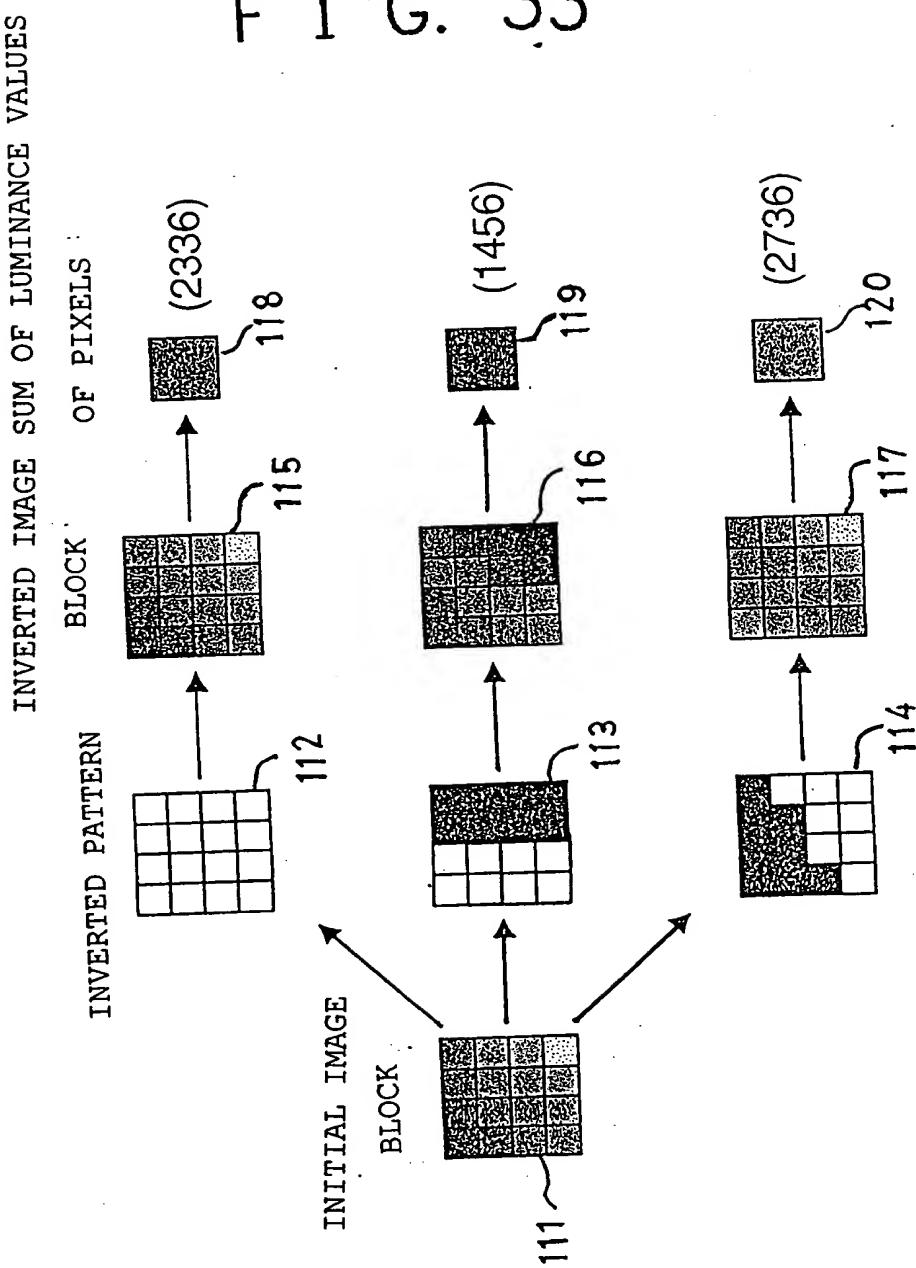


FIG. 33



F I G. 34

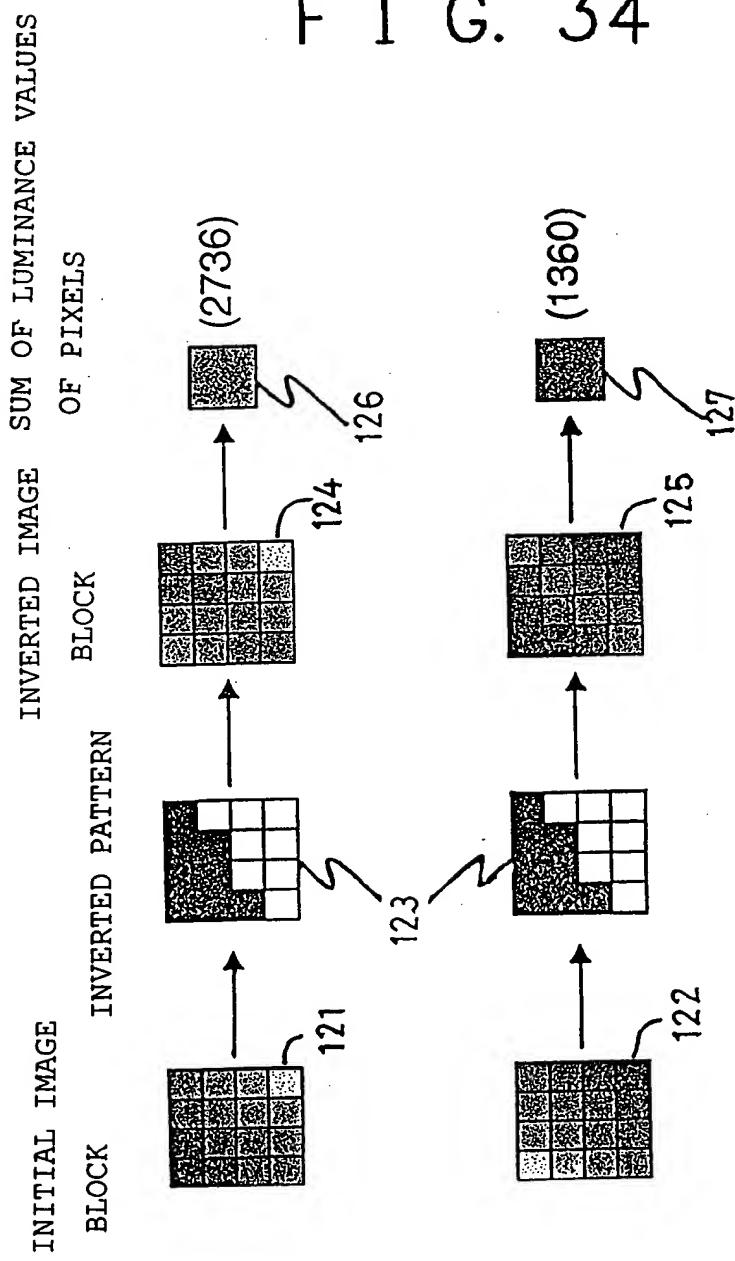
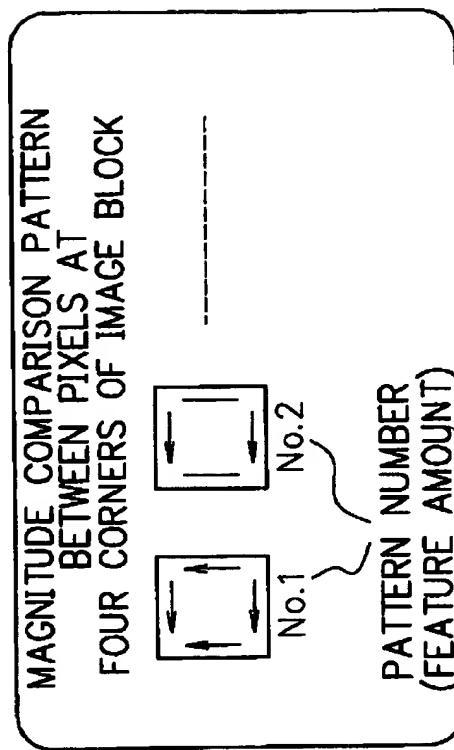
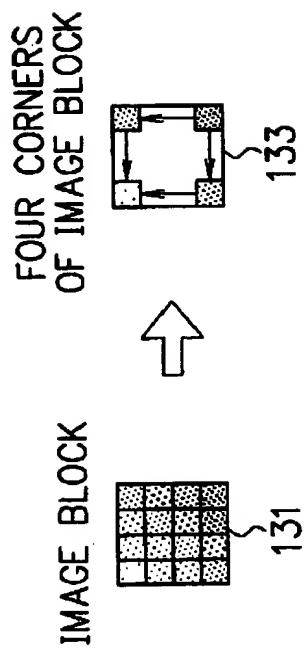


FIG. 35



(a)

(b)

09/673503

THE TOOL OF CONVERSATION

FIG. 36

IMAGE BLOCK

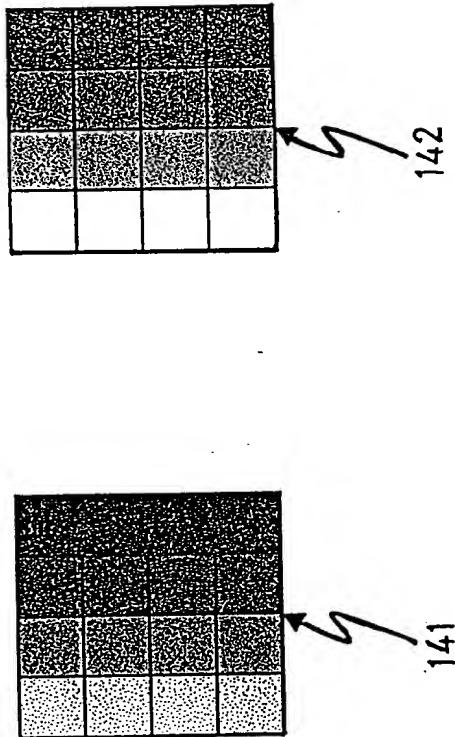


FIG. 37

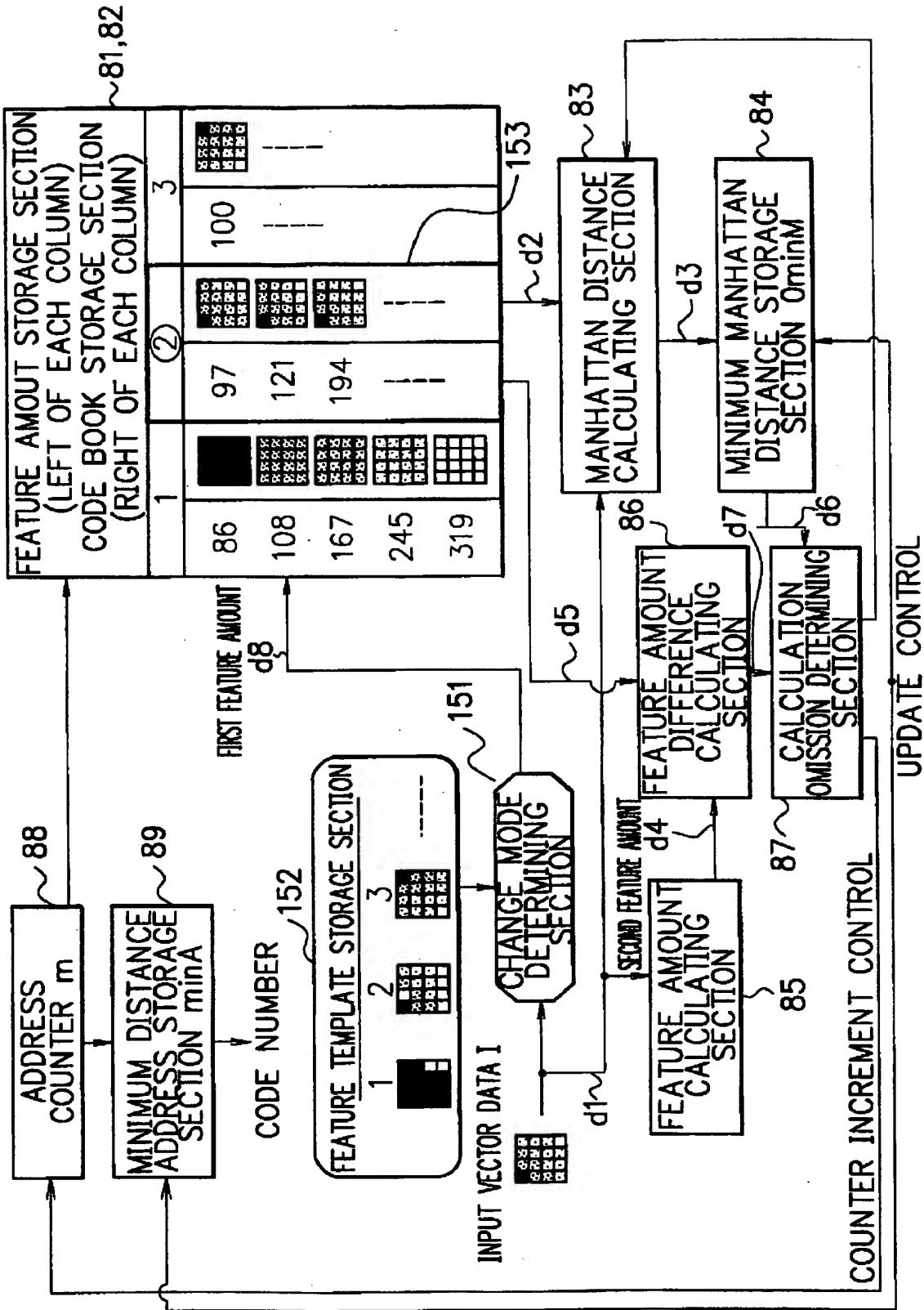
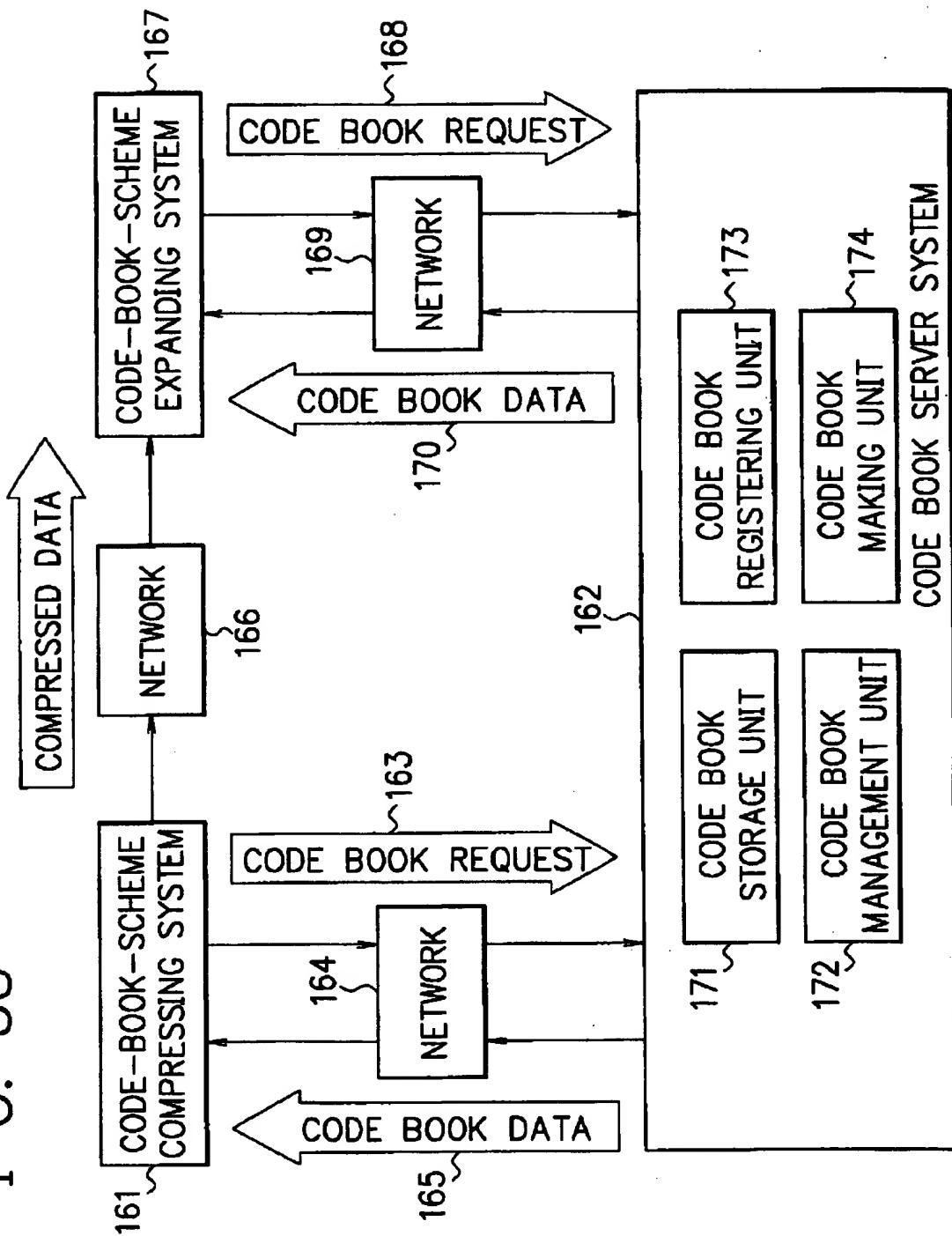
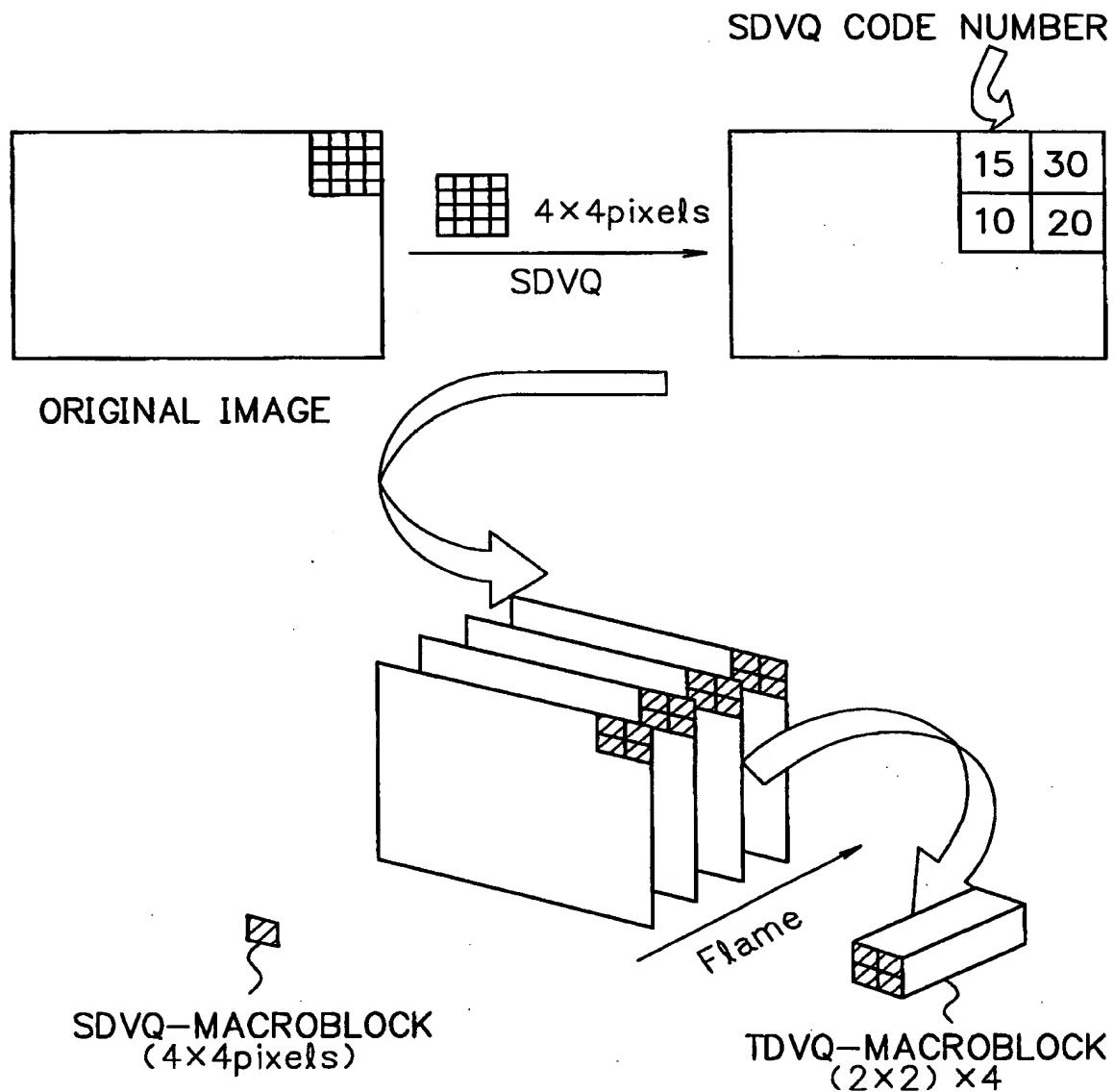


FIG. 38



F I G. 39



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F I G. 40

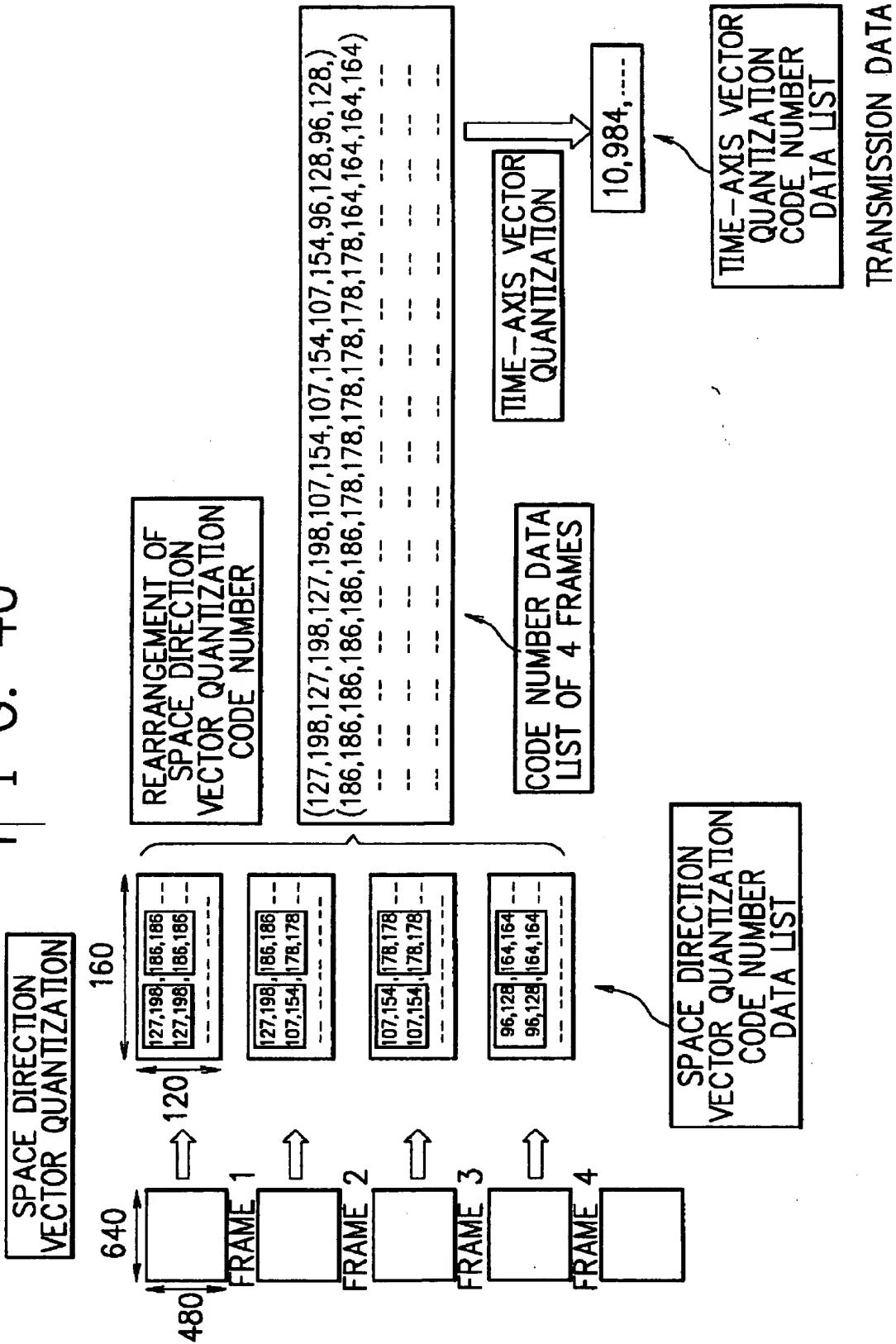
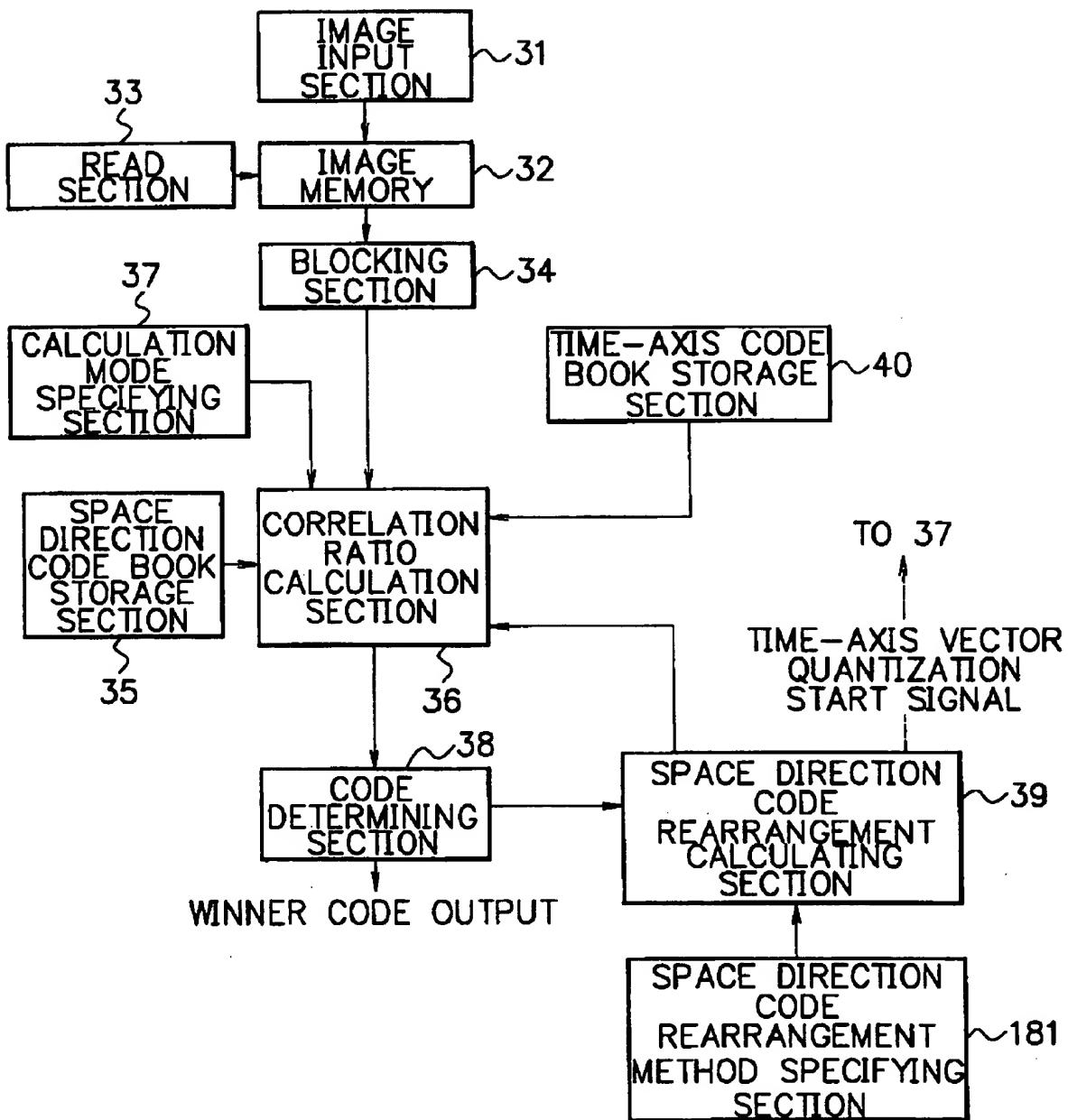


FIG. 41



F I G. 42

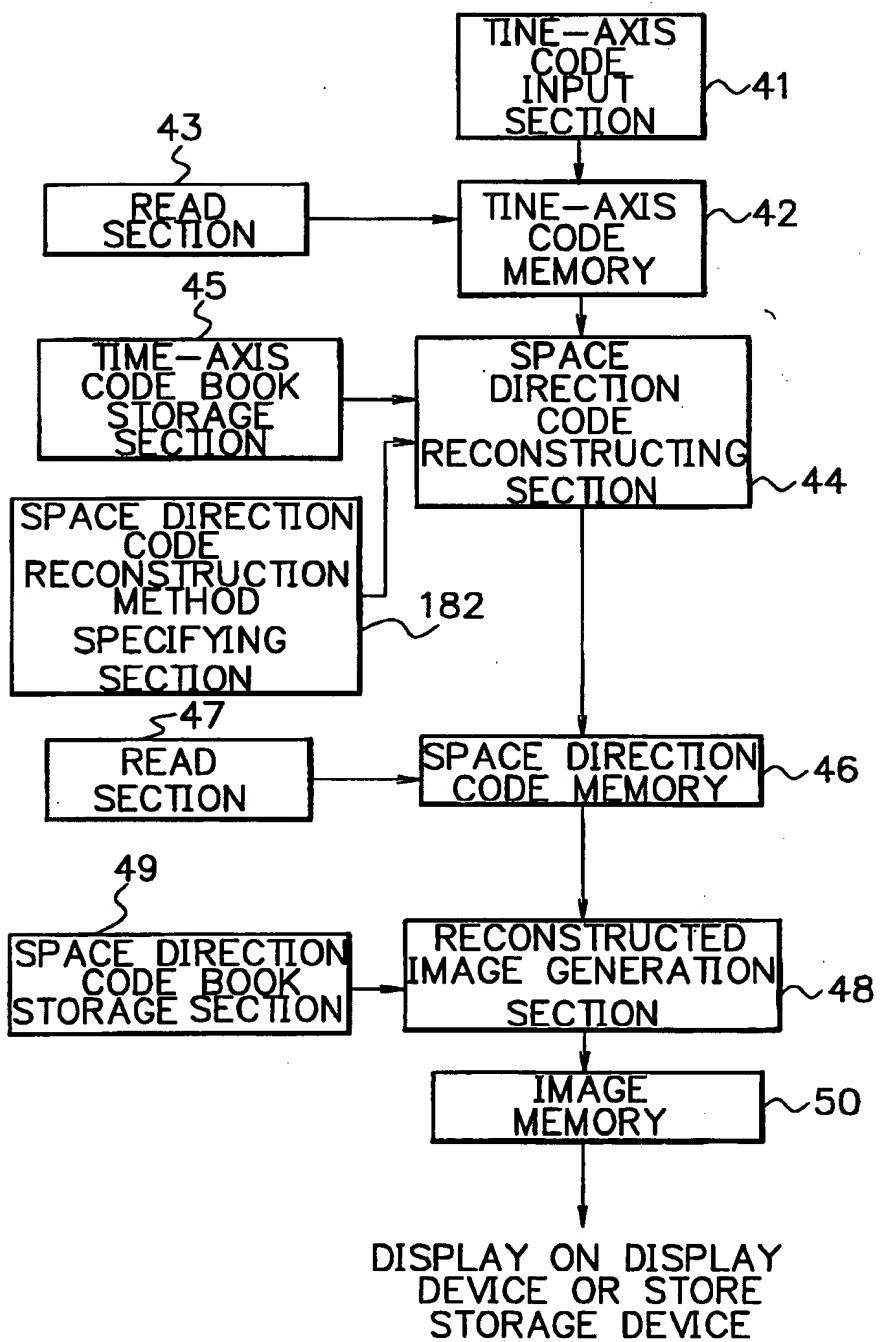
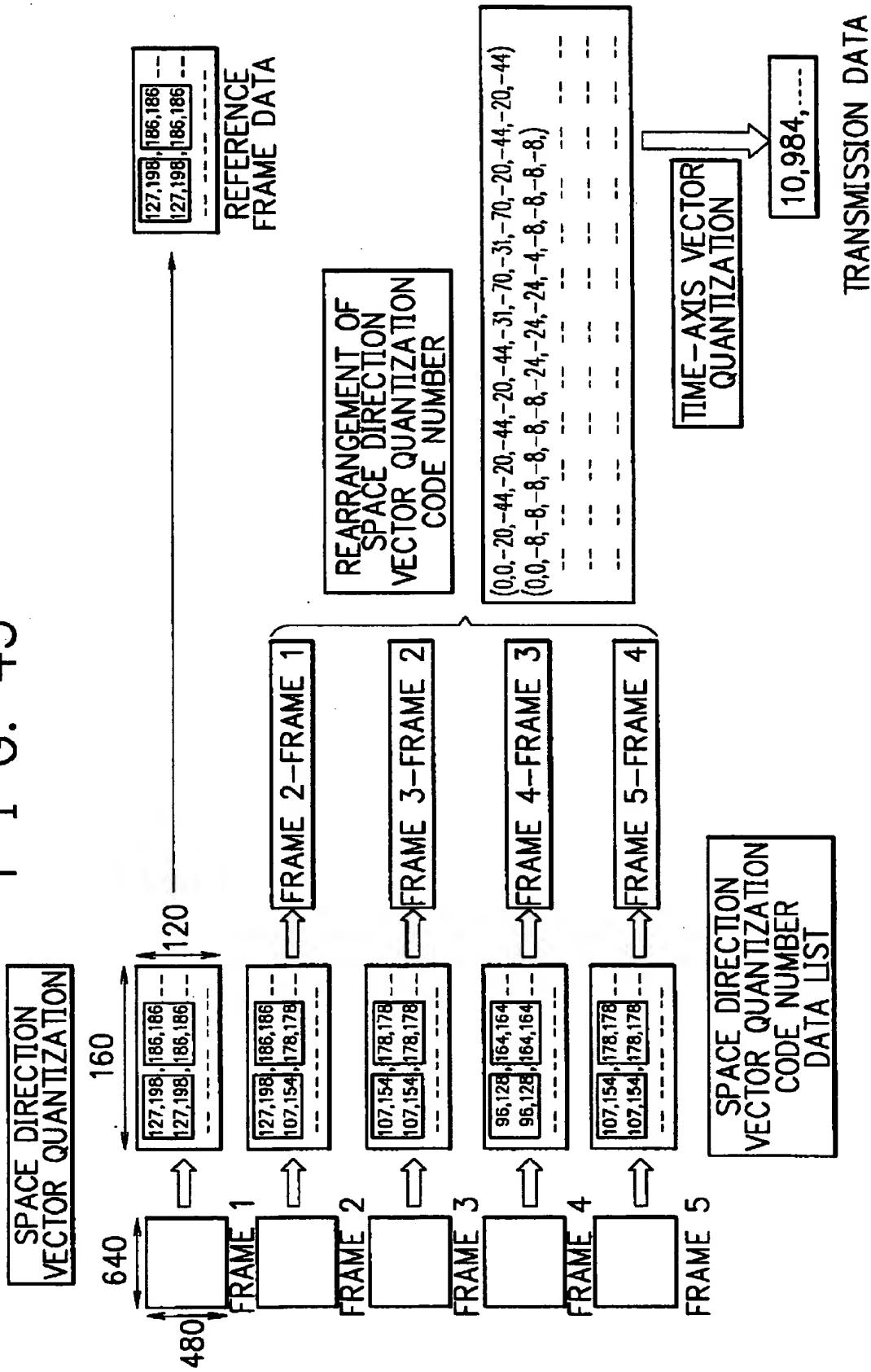


FIG. 43



F 1 G. 44

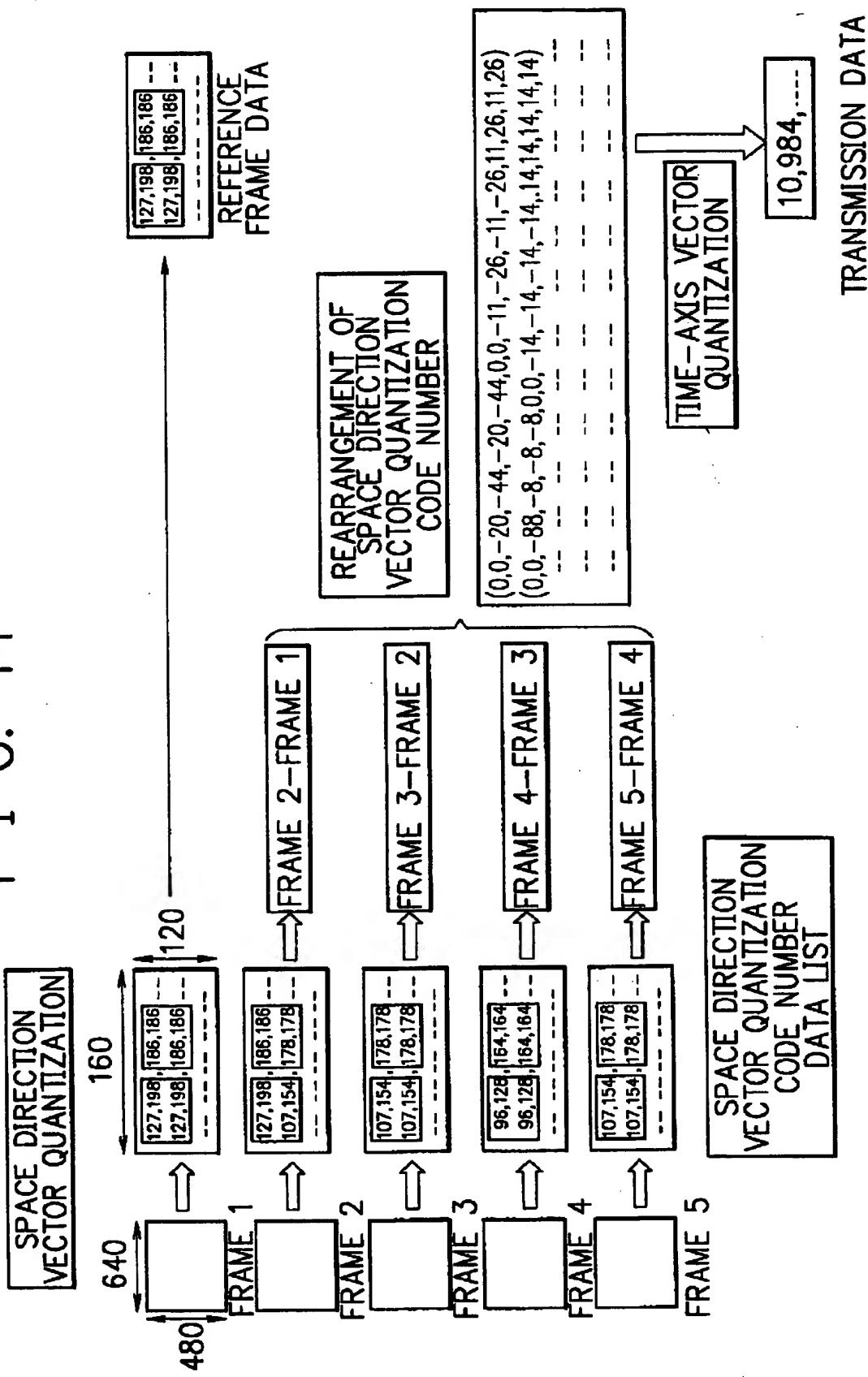
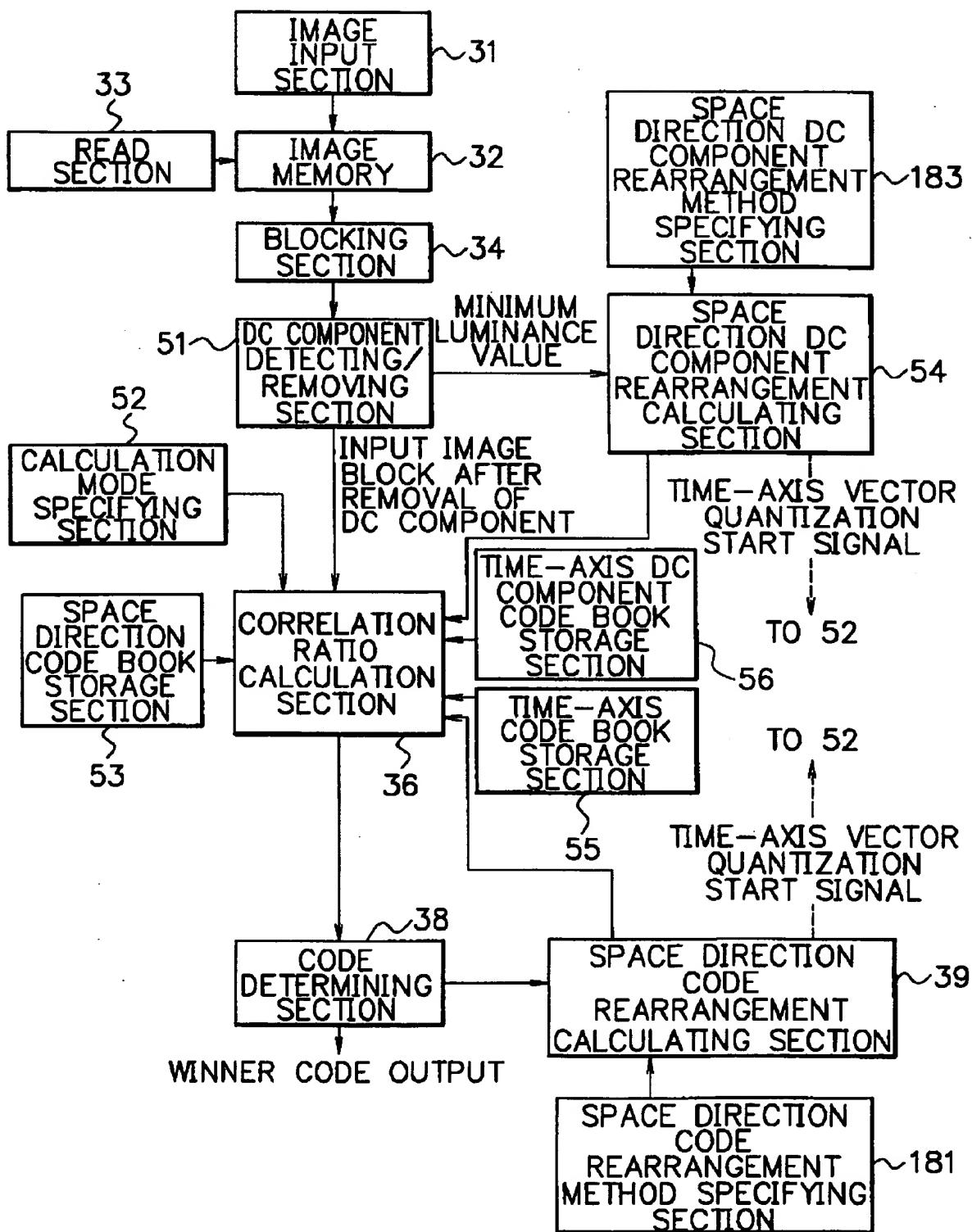


FIG. 45



F I G. 46

RELATIONSHIP BETWEEN COMPRESSION RATIO AND
SPACE DIRECTION CODE REARRANGEMENT METHOD

METHOD OF EXTRACTING MACROBLOCK OF SPACE DIRECTION CODE	COMPRESSION TARGET FRAME	COMPRESSION RATIO
1x1	16 FRAMES	1/341
2x2	4 FRAMES	1/341
4x1	4 FRAMES	1/341
4x4	2 FRAMES	1/341
3x3	3 FRAMES	1/576
3x3	4 FRAMES	1/768
4x4	4 FRAMES	1/1365
6x6	6 FRAMES	1/4608
8x8	8 FRAMES	1/10922

FIG. 47

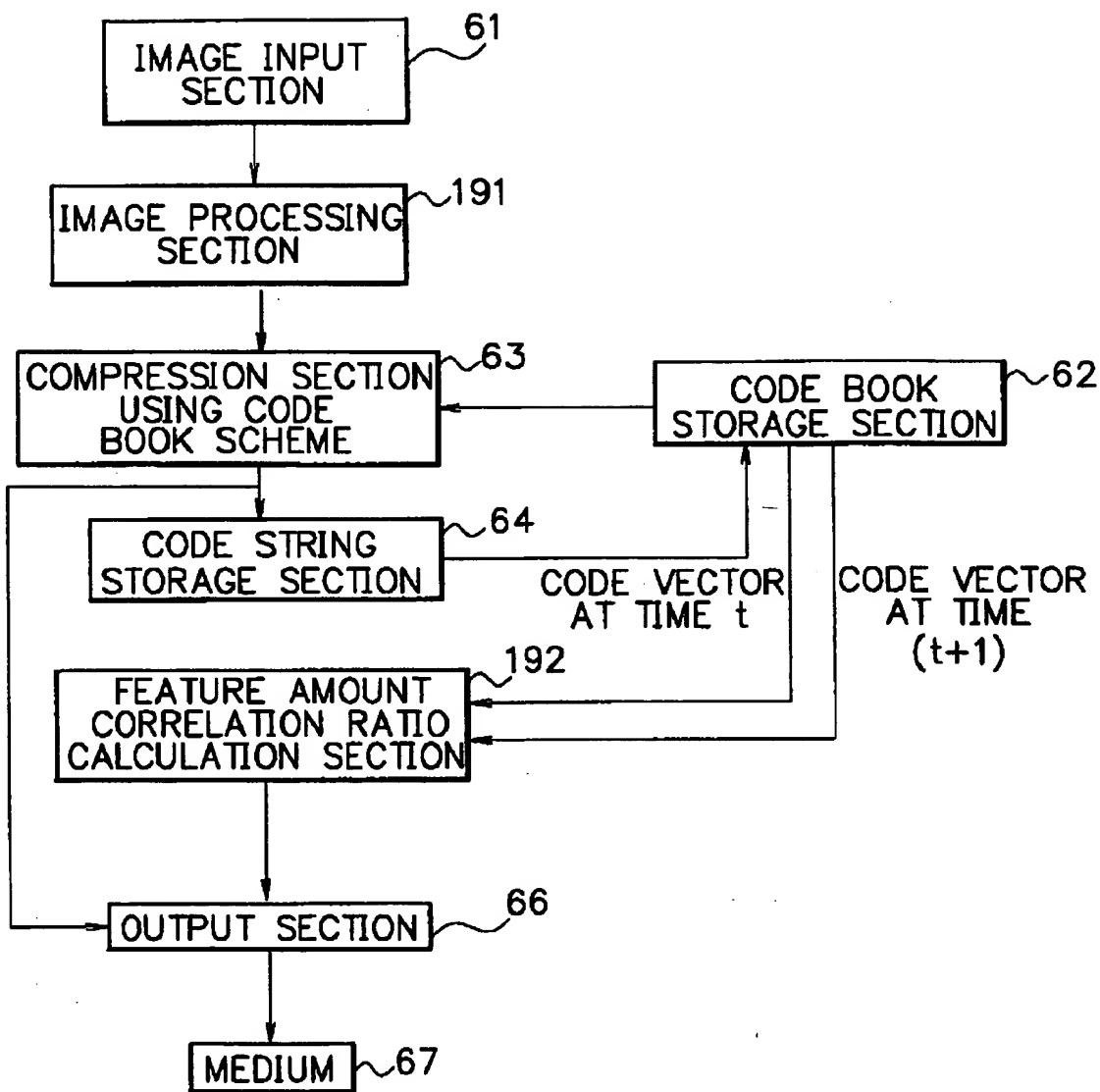


FIG. 48

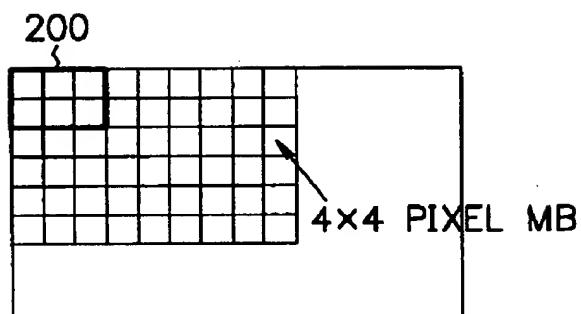
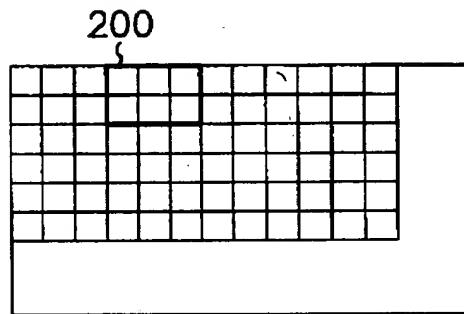
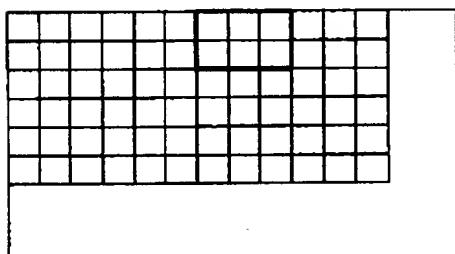
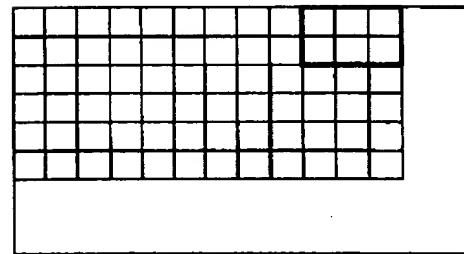
(a) FRAME AT TIME t (b) TIME $(t+1)$ (c) TIME $(t+2)$ (d) TIME $(t+3)$

FIG. 49

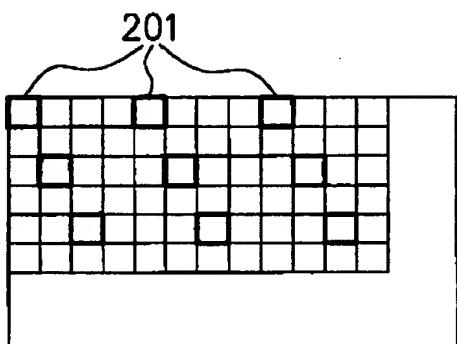
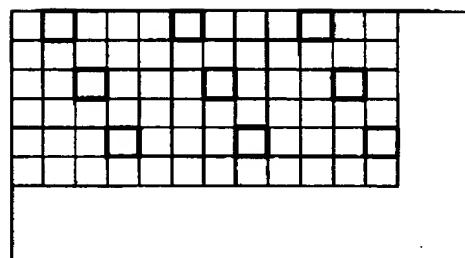
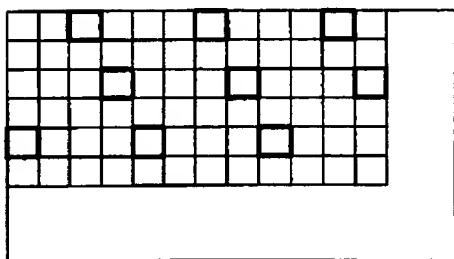
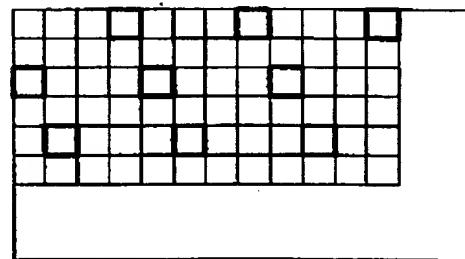
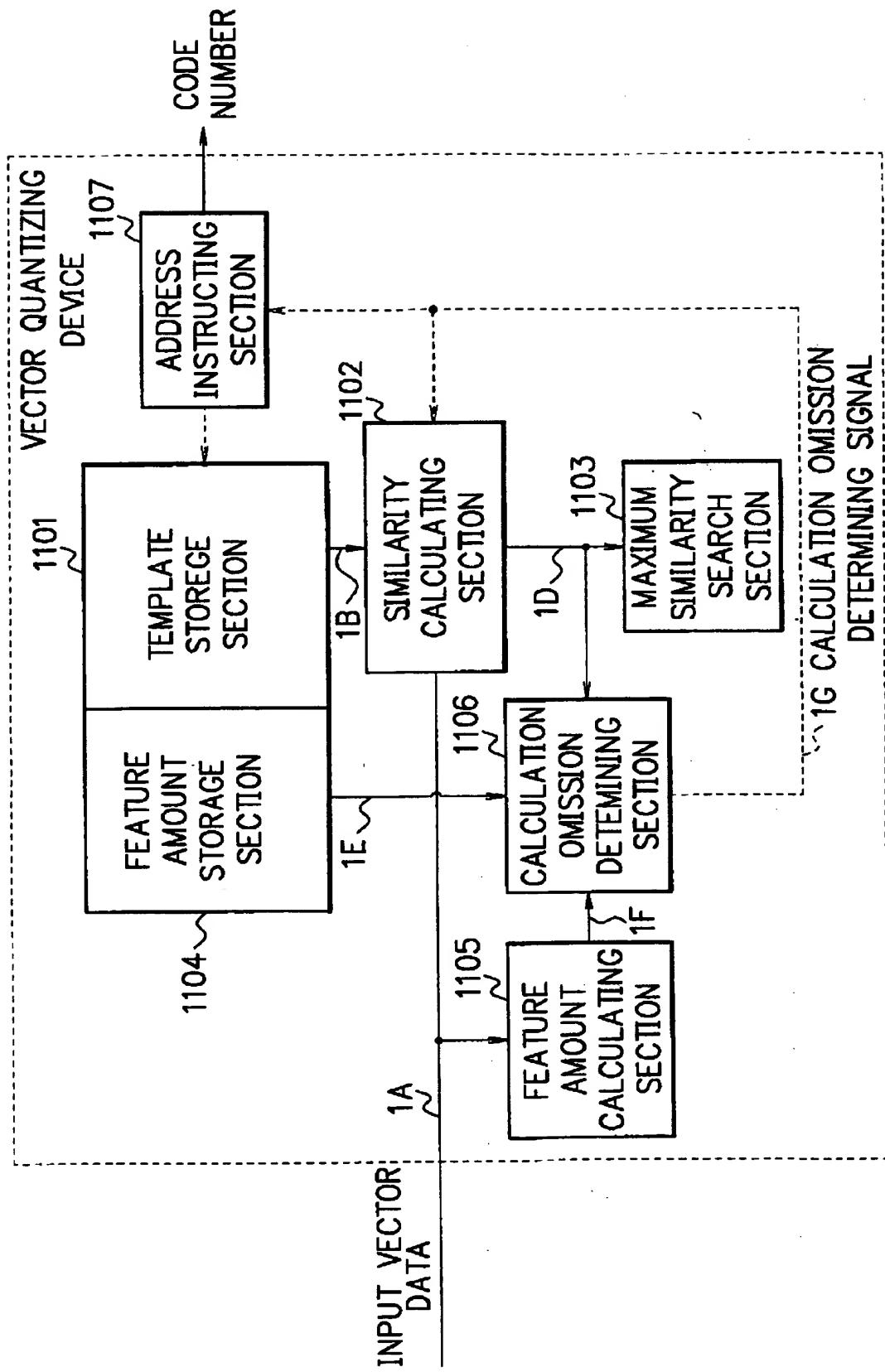
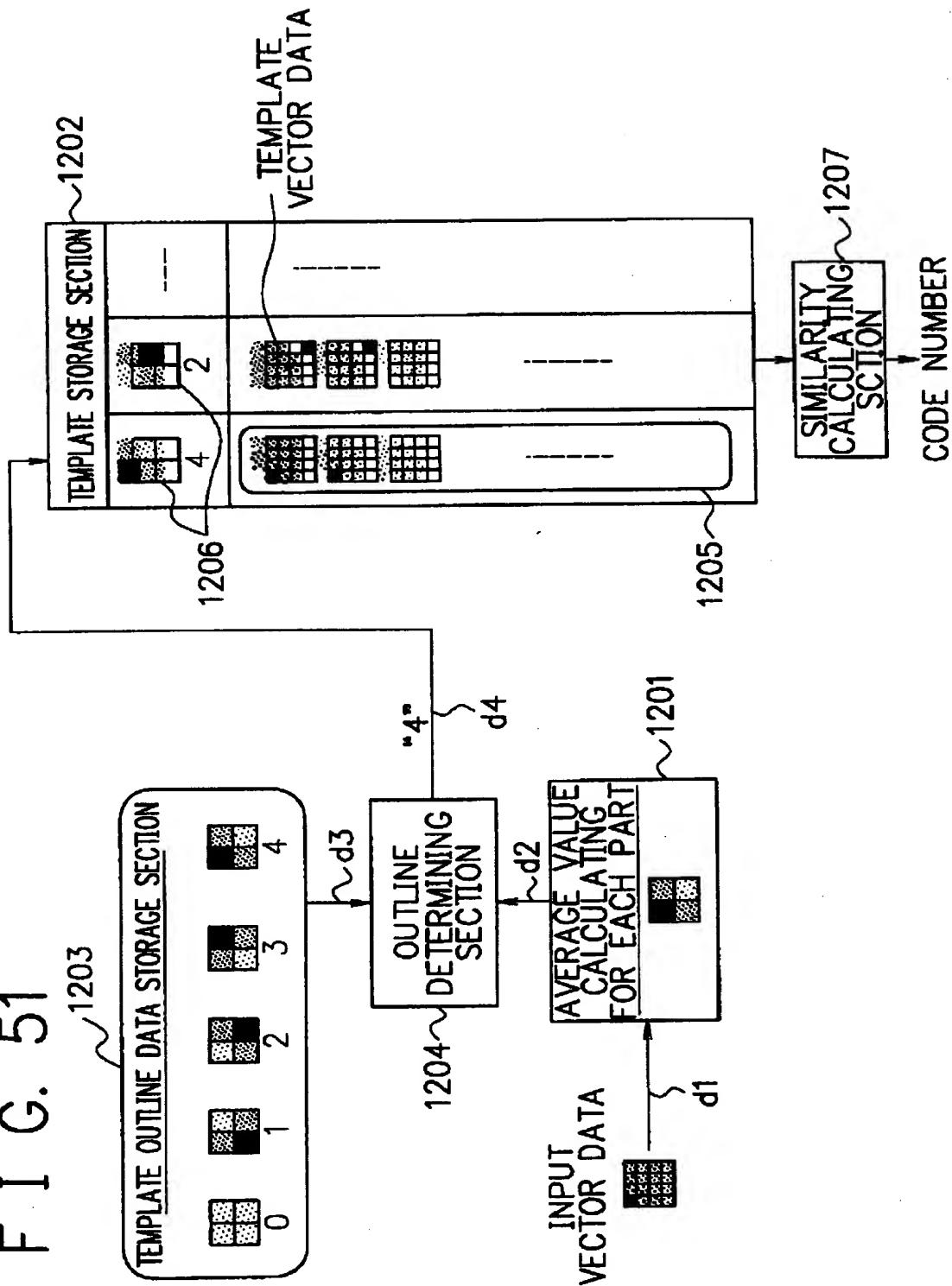
(a) FRAME AT TIME t (b) TIME $(t+31)$ (c) TIME $(t+2)$ (d) TIME $(t+3)$

FIG. 50



The diagram shows a rectangular box with a horizontal arrow pointing into its left side. The text "TEMPLATE STORAGE SECTION" is written vertically along the right edge of the box, and the number "1202" is written at the top right corner of the box.



F 1 G. 52

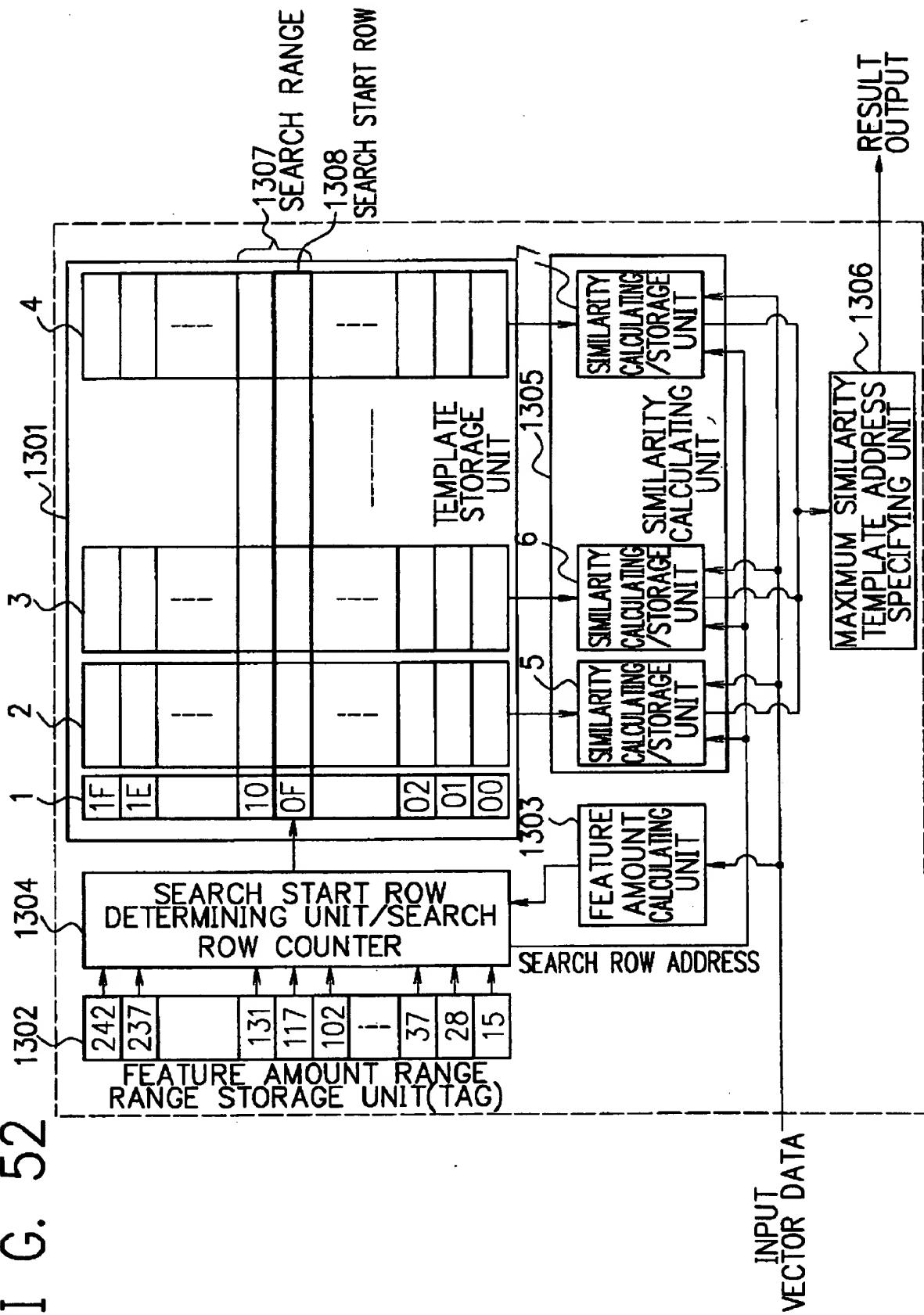


FIG. 53

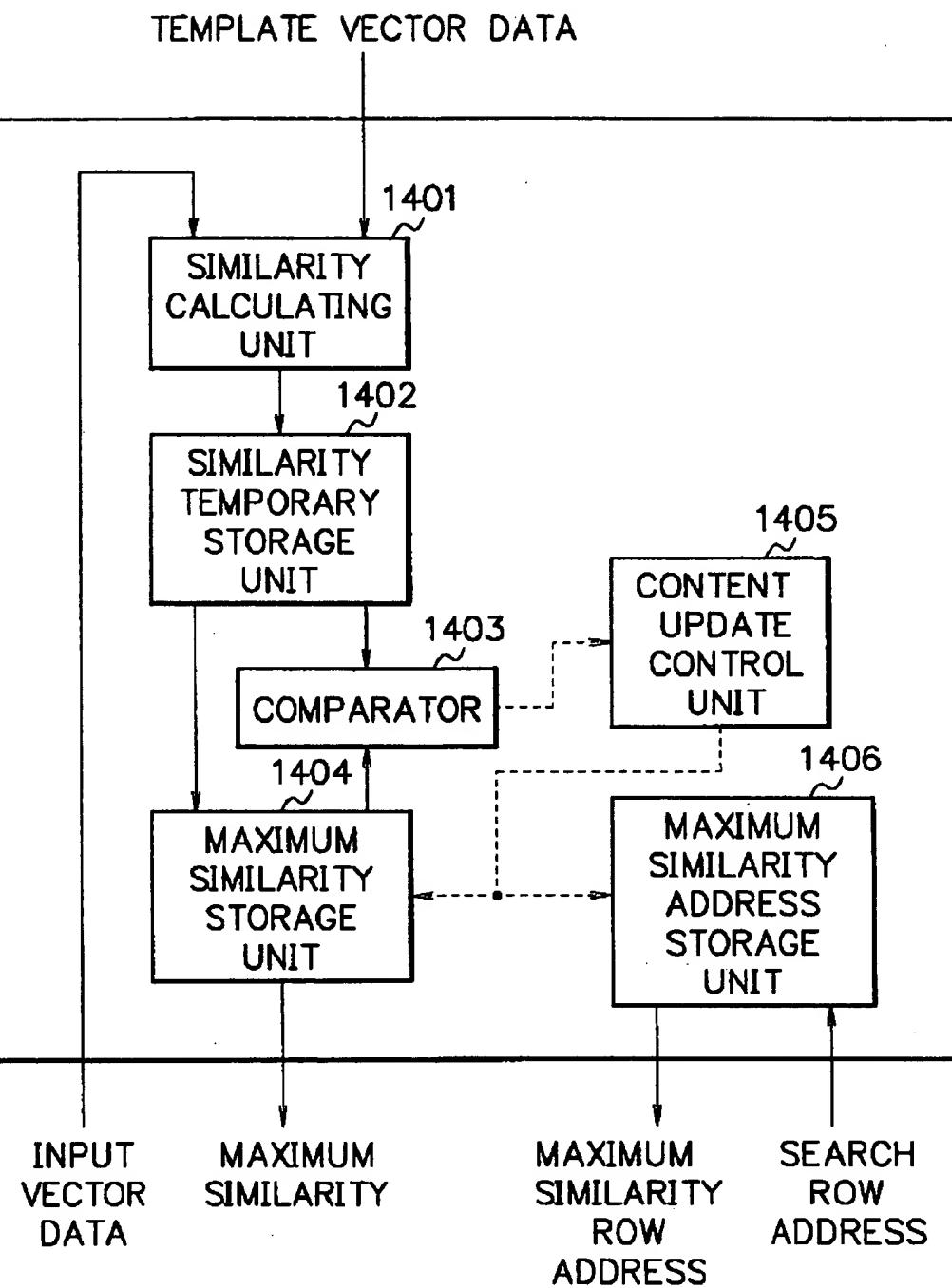


FIG. 54

